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**Self Assessment Report for BS (Computer Science)  
University Institute of Information Technology  
July 2012-2014**

**Self Assessment Report**

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# CONTENTS

List of Tables .....	3
List of Figures.....	4
Introduction.....	5
Criterion 1: Program Mission, Objectives and Outcomes .....	6
Program Assessment Results .....	11
Teacher Evaluation.....	11
Student Course Evaluation .....	51
Survey of Graduating Students .....	91
Employer Survey.....	94
CRITERIAN 2: CURRICULUM DESIGN AND ORGANIZATION.....	95
CRITERION 3: LABORATORIES AND COMPUTING FACILITIES.....	97
CRITERION 4: STUDENT SUPPORT AND ADVISING.....	100
CRITERION 5: PROCESS CONTROL .....	102
CRITERION 6: FACULTY.....	105
CRITERION 7: INSTITUTIONAL FACILITIES.....	110
CRITERION 8: INSTITUTIONAL SUPPORT .....	111
SUMMARY AND CONCLUSION .....	114
ANNEXURES.....	117
ANNEXURE I: ALUMNI SURVEY.....	117
ANNEXURE II: GRADUATING STUDENTS SURVEY .....	118
ANNEXURE III: EMPLOYER SURVEY .....	119
ANNEXURE IV: FACULTY RESUME.....	120
ANNEXURE V: FACULTY COURSE REVIEW REPORT .....	135

## List of Tables

Table 1: Programs Objectives Assessment.....	7
Table 2: Program Outcomes to Their Relationship with Objectives.....	10
Table 3 Performance measures for research activities.....	93
Table 4 Quantitative assessment of the department .....	94
Table 5 Courses versus Outcomes .....	96
Table 6 Laboratory Facility .....	97
Table 7: Student to Teacher Ratio at UIIT .....	101
Table 8: Full Time Faculty Members at UIIT .....	105
Table 9: Part Time Faculty Members at UIIT .....	105
Table 10: Result of Faculty Survey .....	107
Table 11: Number of students enrolled in BS-CS in last ten years .....	111
Table 12: Financial Information about the institution and the Program.....	112

## **List of Figures**

Figure 1: Teacher Evaluation Graph.....	11
Figure 2: Course Evaluation Graph .....	52
Figure 3: Survey of Graduating Students .....	91
Figure 4: Employer Survey for Determining the Student's Skill Level.....	94

## **Introduction**

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

A strong Computer Science department is essential to UAAR's mission to be a world-class university that prepares students to contribute to the advancement of society. University Institute of Information Technology (UIIT) was established in 2001 to address this dire need. This year, UIIT is celebrating its 13th years of excellence in quality manpower production in the fields of CS and IT.

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

With the latest developments in the field of Computer Science, the institute regularly revises and updates its curriculum. More recently, emerging tools and technologies have been incorporated in the curriculum. The institute provides a variety of study programs such as Databases, Programming, Web Design and Development, Networking, Management, Marketing and Accounting to enhance students' professional training and career opportunities. Students are offered opportunities to interact with leading professionals of industry to hone their skills according to market requirements.

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

#### **The main elements of strategic planning to achieve mission and objectives**

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

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

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

**Table 1: Programs Objectives Assessment**

<b>S #</b>	<b>Objective</b>	<b>How Measured</b>	<b>When Measured</b>	<b>Improvement Identified</b>	<b>Improvement Made</b>
1	The ability to design, implement, and analyze computational systems	Through Final Year Projects	During Last Semester	Needs to improve project quality	Assigned standard Projects to the students
2	Development of a sound and dynamic teaching system..	Through quizzes, assignments and exams. Teacher training and refresh courses.	It is a regular Process as per Requisite	Techniques for assessment required to be improved.	Exams are made more technical to assess the students.
3	Designing and constantly updating the curriculum.	Assessed through feedback from the market and leading institutes in the country.	At start of every semester.	Various specialized courses are Required to be Incorporated in the syllabus	Improvement of Courses as per Requisite
4	Equipped specialized laboratories. Resources.	Assessment is done through feedback from the students.	It is a continuous activity.	Resources need to be increased. Needs to equipped computer labs.	No improvement has been made yet.
5	Implementation of RnD and ICT projects.	Through final degree project	At the end of final degree project.	The latest research and technology required project should be implemented.	It's achieved to some extent by giving students many projects from the research work which don't have implementation.
6	Development of linkages with national and international research.	Through software exhibitions	At end of degree	There should be visits to the industry.	An open house decided to be organized regularly every year.

## **Program Learning Outcomes**

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

1. **Recognition of the need for and an ability to engage in continuing professional development. .**
  1. An ability to use current techniques, skills, and tools necessary for computing practice
  2. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices
  3. An ability to apply design and development principles in the construction of software systems of varying complexity
  
2. **Be competent in theoretical and mathematical foundations of computer science and be able to**
  1. Apply fundamental concepts of discrete mathematics such as logic, proofs, set theory, relations, functions, and combinatorial to model computational problems.
  2. Demonstrate the application of abstract structures such as graphs, finite state machines, and recurrence relations to the solution of computer science problems.
  3. Analyze and evaluate comparative performance of algorithms and data structures appropriate for solving computer science problems.
  4. Apply concepts related to data structures such as lists, stacks, queues, arrays, graphs, trees, heaps, and hashing to design and create algorithms.
  
3. **Be proficient in one programming language and have a basic knowledge of several others and be able to**
  1. Write efficient solutions to specific problems using an object-oriented programming language.
  2. Write programs in assembly language.
  3. Write programs in a procedural programming language.
  
4. **Understand the hardware and software architecture of computer systems and be able to**
  1. Explain the function and interaction of computer processing units, memories, and input/output devices.

2. Define and explain elements of operating systems such as memory management, process scheduling, synchronization and interaction, and input/output devices.
3. Distinguish computer network elements and understand issues related to computer security.
5. **Demonstrate the ability to participate in professional practices related to software engineering and be able to**
  1. Negotiate, clarify, and document customer requirements.
  2. Apply knowledge of fundamental algorithms, programming language concepts, and design patterns to determine an overall design for a software system.
  3. Implement a fully specified system,
  4. Test a fully specified system.
  5. Plan and monitor the progress of software projects to ensure on time delivery of a high-quality system.
6. **Be able to communicate effectively about computer science-related topics and be able to**
  1. Deliver an audience-sensitive oral technical presentation.
  2. Write an audience-sensitive technical document.
  3. Contribute effectively on software-based system development teams.
7. **Demonstrate the ability to be responsible practitioners of computer science and understand the social and ethical implications of computing and be able to**
  1. Demonstrate ways in which computers pose new ethical questions or pose new versions of standards, moral problems and dilemmas.
  2. Recognize and, when appropriate, to resolve ethical problems or dilemmas related to the computing profession.

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

**Table 2: Program Outcomes to Their Relationship with Objectives**

		Objectives				
		1	2	3	4	5
Outcomes	1	++	+++	+++	++	+++
	2	++	++	++	++	+++
	3	++	+++	+++	++	++
	4	++	++	+++	++	+
	5	+	++	++	++	++
	6	+++	+++	++	+++	+
	7	+++	++	++	+++	++

+ = 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

There are more than eighteen faculty members in the institute, but all of them are not teaching courses in the BS CS degree program only. The summarized results of the teachers who are teaching courses in the BS CS degree program are given in the graph below. Mr. Nasir Minhas has scored 75%, Mr. Yasir Hafeez has scored 65%. Mr. Mushhad Gillani has scored 75%, Mr. Saif-ur-Rehman has scored 83, Mr. Saleem Iqbal has scored 86, Mr. Saqib Majeed has scored 81% . Mr Shabbir Hassan has scored 64. Ms. Aisha Umair has scored 92%, Ms. Bushra Hamid has scored 94%, Ms. Sarfaraz Bibi has scored 60%. Ms. Hajra Murataza has scored 63%. Ms Hina Gul has scored 96%. Mr Asif nawaz has scored 90%, Mr. Tariq Ali has scored 85%. Mr. Ehtesham Azhar has scored 66%. Mr. Jaffer has scored 42%. The comparison of their score is shown below.

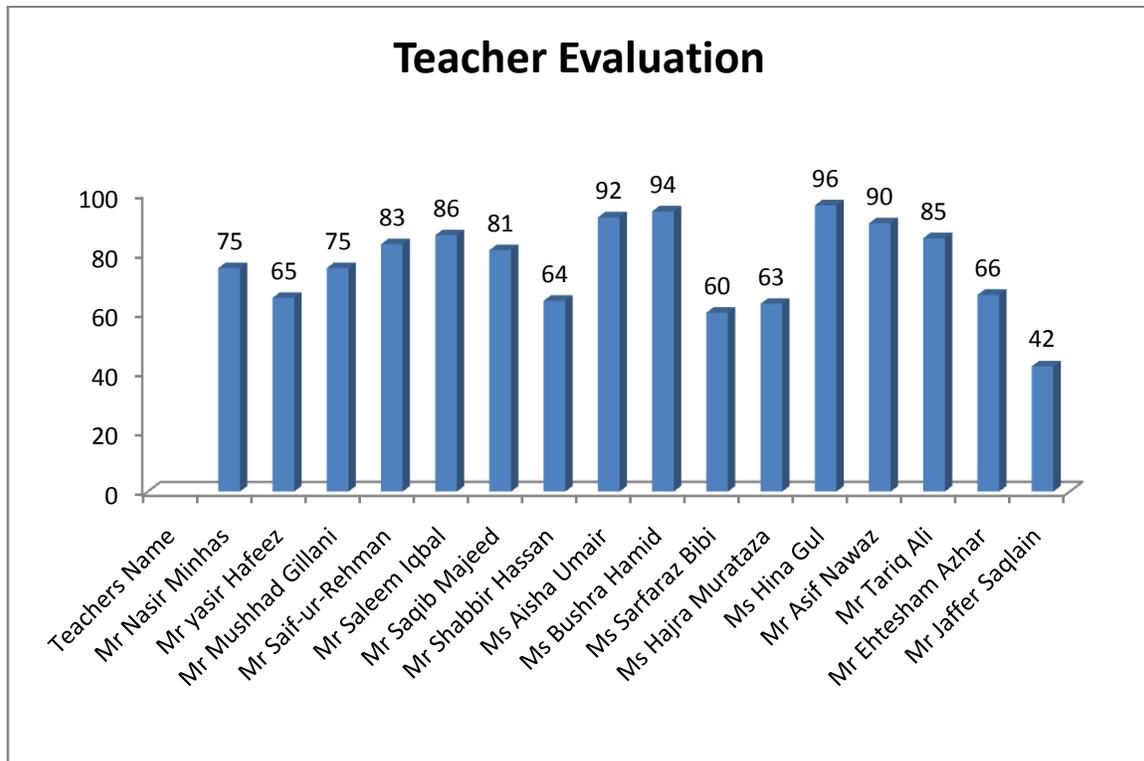
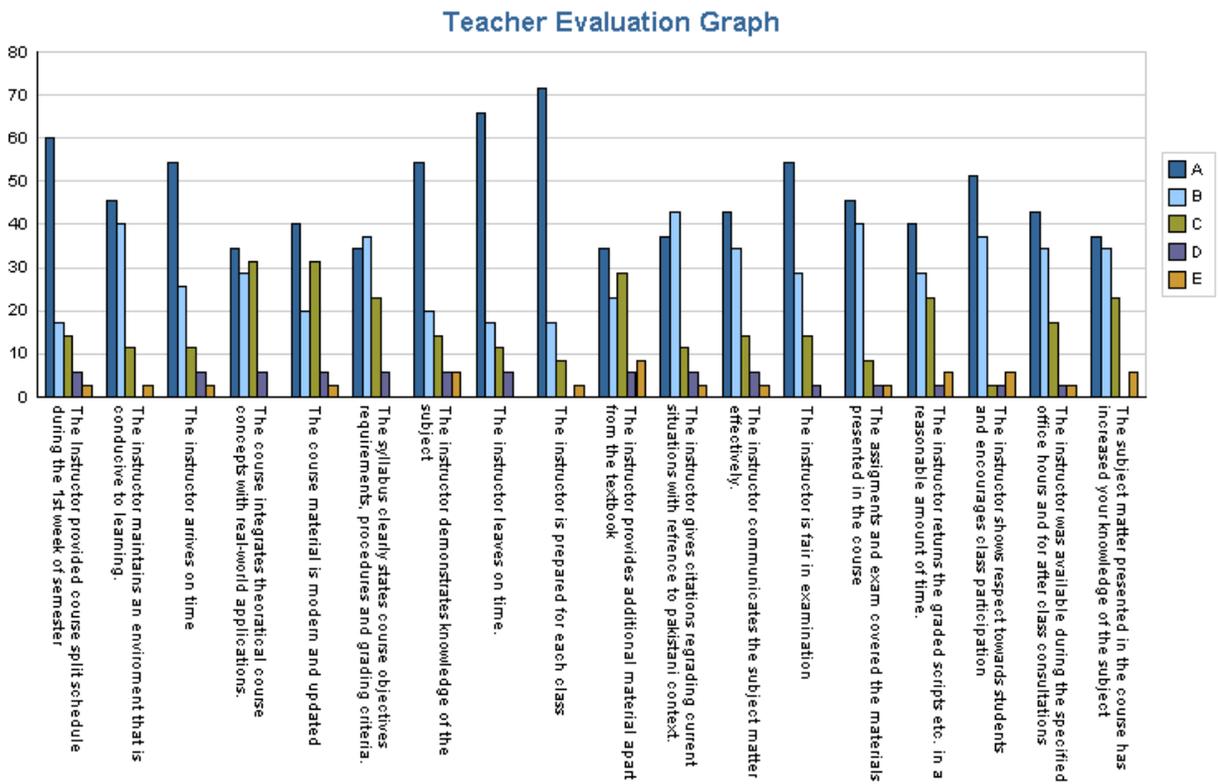


Figure 1: Teacher Evaluation Graph

A detailed evaluation of teachers is given below.

**Mr Nasir Minhas (STT 510)**

The graph for “The instructor is prepared for each class”, shows that 72% are strongly agreed, 17% are agreed, 9% are uncertain, 0% disagreed and 2% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 34% are strongly agreed, 22% are agreed, 29% are uncertain, 3% disagreed and 2% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 45% are strongly agreed, 40% are agreed, 12% are uncertain, 0% 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 37% are strongly agreed, 34% are agreed, 23% are uncertain, 0% disagreed and 6% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

- The instructor is prepared for each class
- Punctual
- Fair in examination
- Well presented
- Good Teaching method

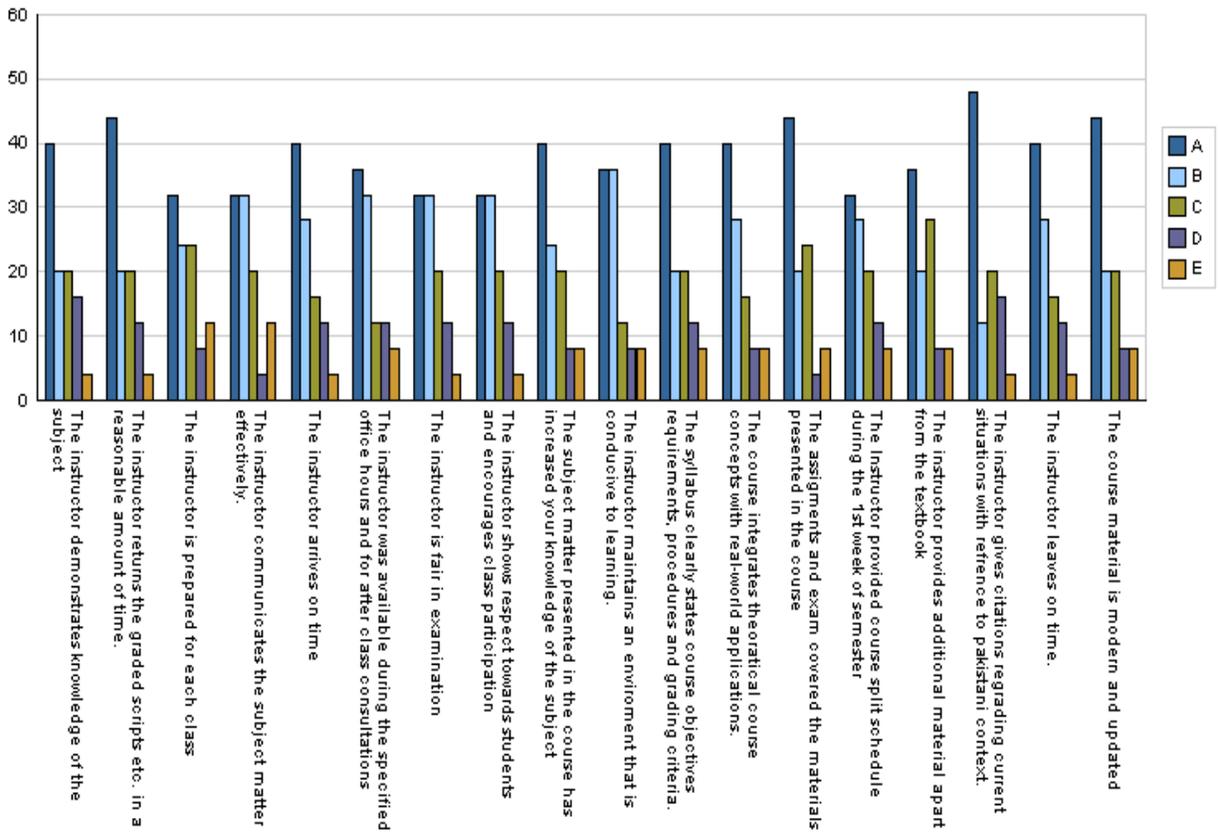
### **Weakness:**

- No significance weakness was found
- 

### **Mr Yasir Hafeez (CS-452)**

The graph for “The instructor is prepared for each class”, shows that 32% are strongly agreed, 25% are agreed, 6% are uncertain, 8% disagreed and 12% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 38% are strongly agreed, 20% are agreed, 27% are uncertain, 8% disagreed and 8% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 38% are strongly agreed, 38% are agreed, 12% 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 40% are strongly agreed, 24% are agreed, 20% are uncertain, 8% disagreed and 8% are strongly disagreed.

Teacher Evaluation Graph



## General Comments of the Students about the Teacher

### Strengths:

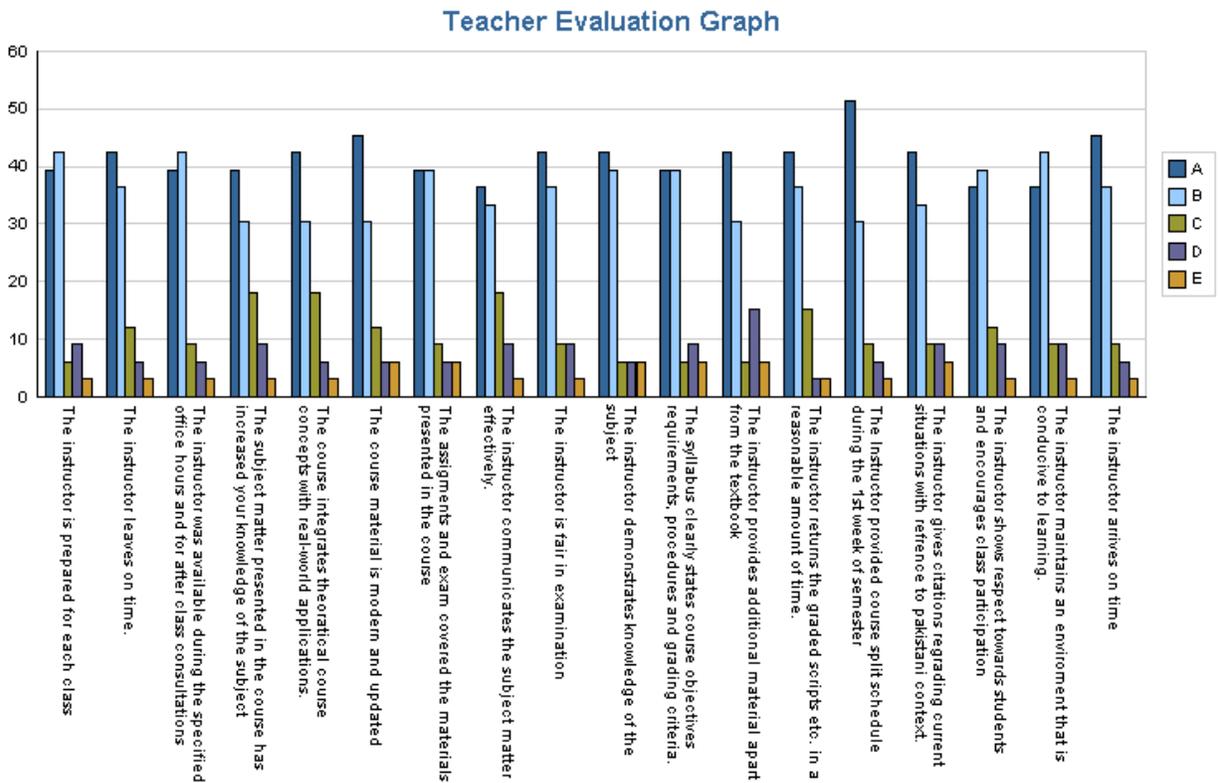
- Well prepared
- The instructor maintains an environment that is conducive to learning
- Punctual
- Fair in examinations

### Weakness:

- No significant weakness was found.

**Mr Mushhad Gillani(SST 500)**

The graph for “The instructor is prepared for each class”, shows that 39% are strongly agreed, 42% are agreed, 7% are uncertain,9% disagreed and 3% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 43% are strongly agreed,30% are agreed, 7% are uncertain, 13% disagreed and 7% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 37% are strongly agreed, 42% are agreed, 9% are uncertain, 9% disagreed and 3% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 39% are strongly agreed, 30% are agreed, 18% are uncertain, 9% disagreed and 4% are strongly disagreed.



**General Comments of the Students about the Teacher**

**Strengths:**

- Well prepared

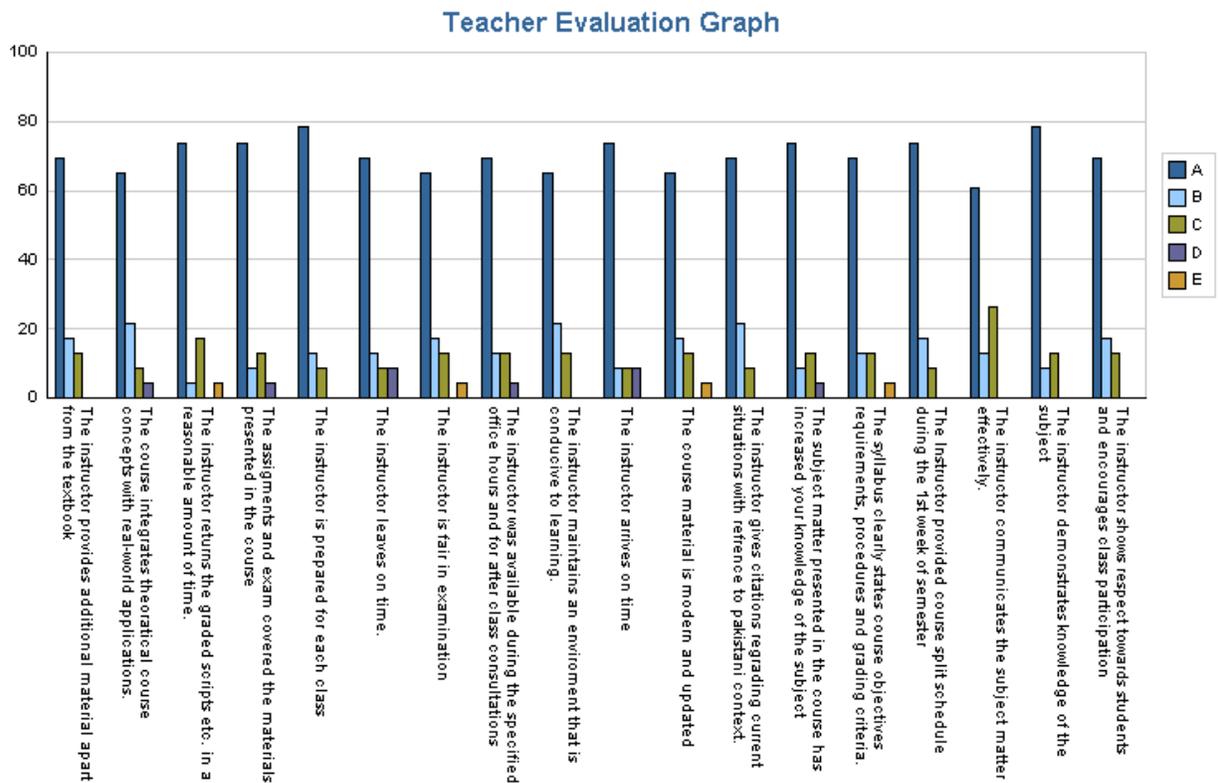
- Punctual
- The instructor maintains an environment that is conducive to learning

**Weakness:**

- No significant weakness was found.

**Mr Saif-ur-Rehman (CS 542)**

The graph for “The instructor is prepared for each class”, shows that 79% are strongly agreed, 13% are agreed, 8% are uncertain, 0% disagreed and 0% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 70% are strongly agreed, 19% are agreed, 11% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 65% are strongly agreed, 21% are agreed, 14% are uncertain, 0% 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 75% are strongly agreed, 8% are agreed, 12% are uncertain, 5% disagreed and 6% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

- Well prepared
- Instructor demonstrate the knowledge of subject very well
- Instructor provides additional material apart from the text
- Punctual
- Fair in examinations

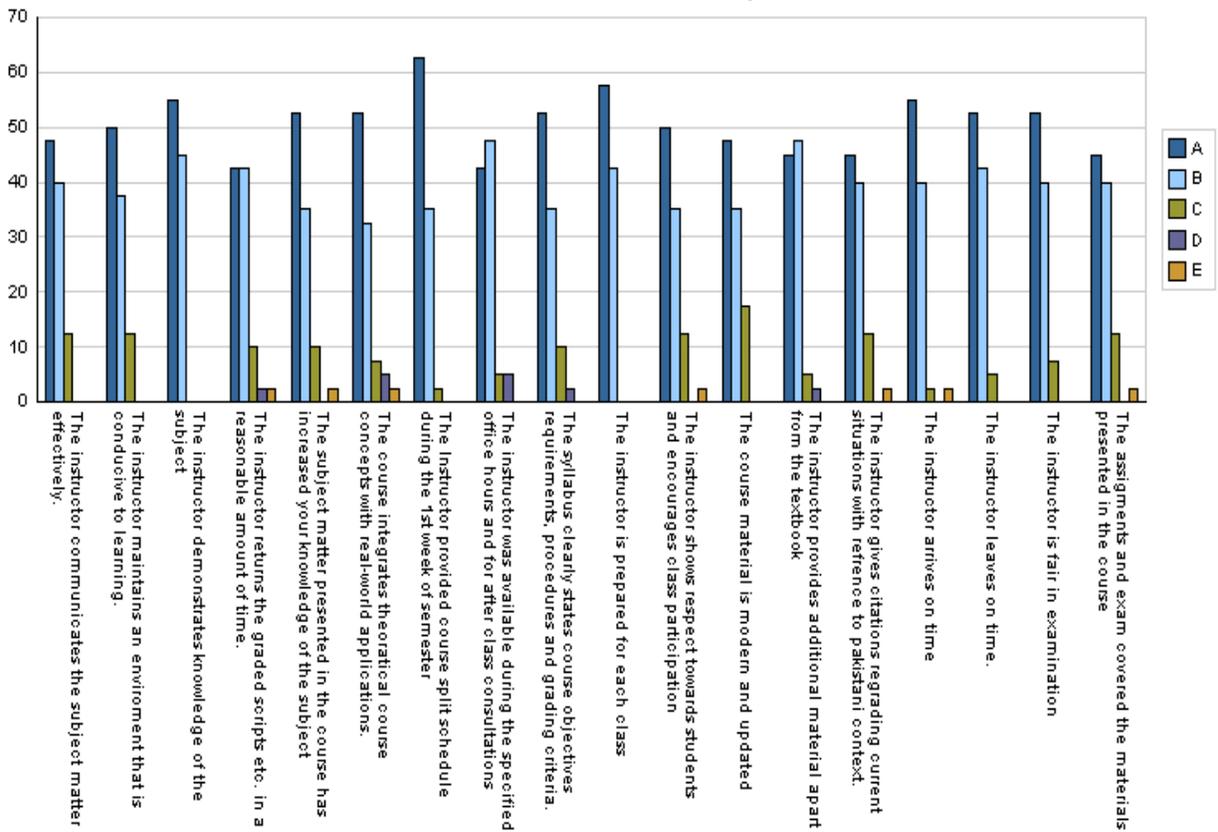
### **Weakness:**

- No significant weakness was found.

### **Mr Saleem Iqbal (MGT 543)**

The graph for “The instructor is prepared for each class”, shows that 58% are strongly agreed, 42% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 46% are strongly agreed, 48% are agreed, 4% are uncertain, 2% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 50% are strongly agreed, 38% are agreed, 12% are uncertain, 0% 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 52% are strongly agreed, 36% are agreed, 10% are uncertain, 0% disagreed and 2% are strongly disagreed.

Teacher Evaluation Graph



## General Comments of the Students about the Teacher

### Strengths:

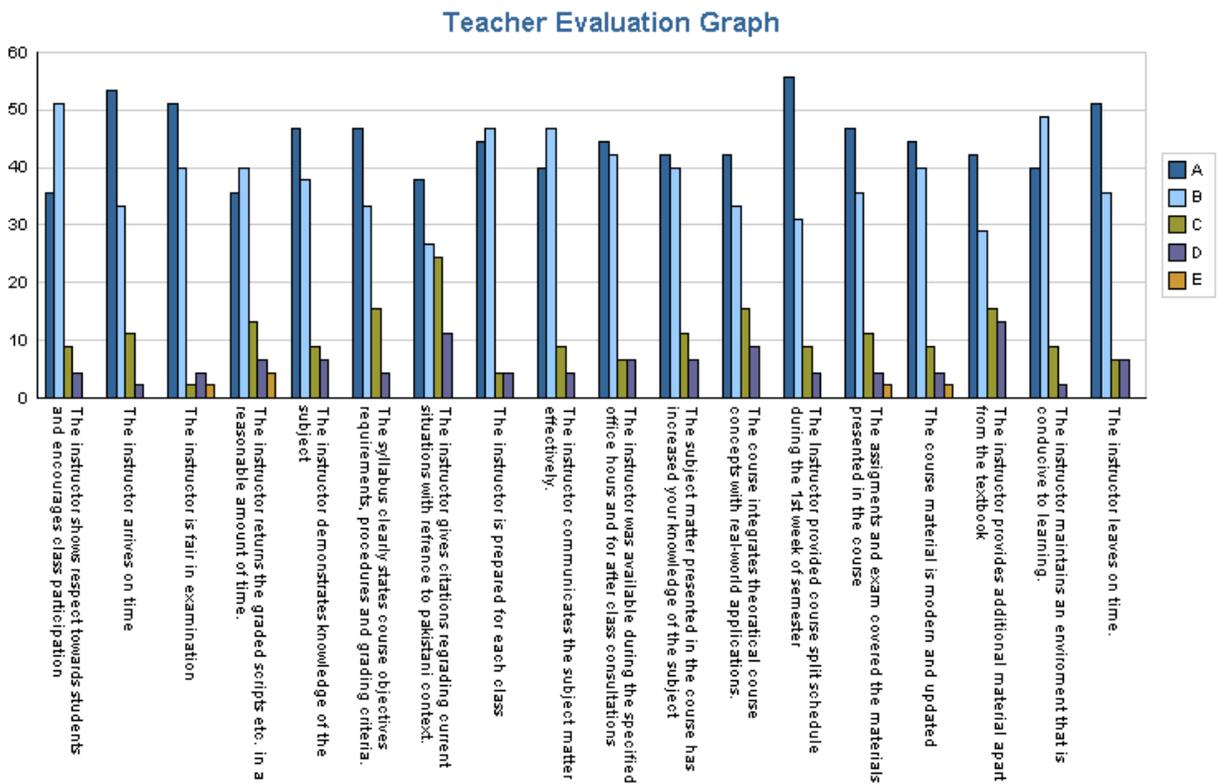
- Well prepared
- Punctual
- Instructor demonstrate the knowledge of subject very well
- Instructor provides additional material apart from the text

### Weakness:

- No significant weakness was found.

**Mr Saqib Majeed (Object Oriented programming)**

The graph for “The instructor is prepared for each class”, shows that 45% are strongly agreed, 47% are agreed, 4% are uncertain, 4% disagreed and 0% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 42% are strongly agreed, 28% are agreed, 15% are uncertain, 12% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 40% are strongly agreed, 49% are agreed, 8% are uncertain, 2% 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 43% are strongly agreed, 41% are agreed, 11% are uncertain, 5% disagreed and 0% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

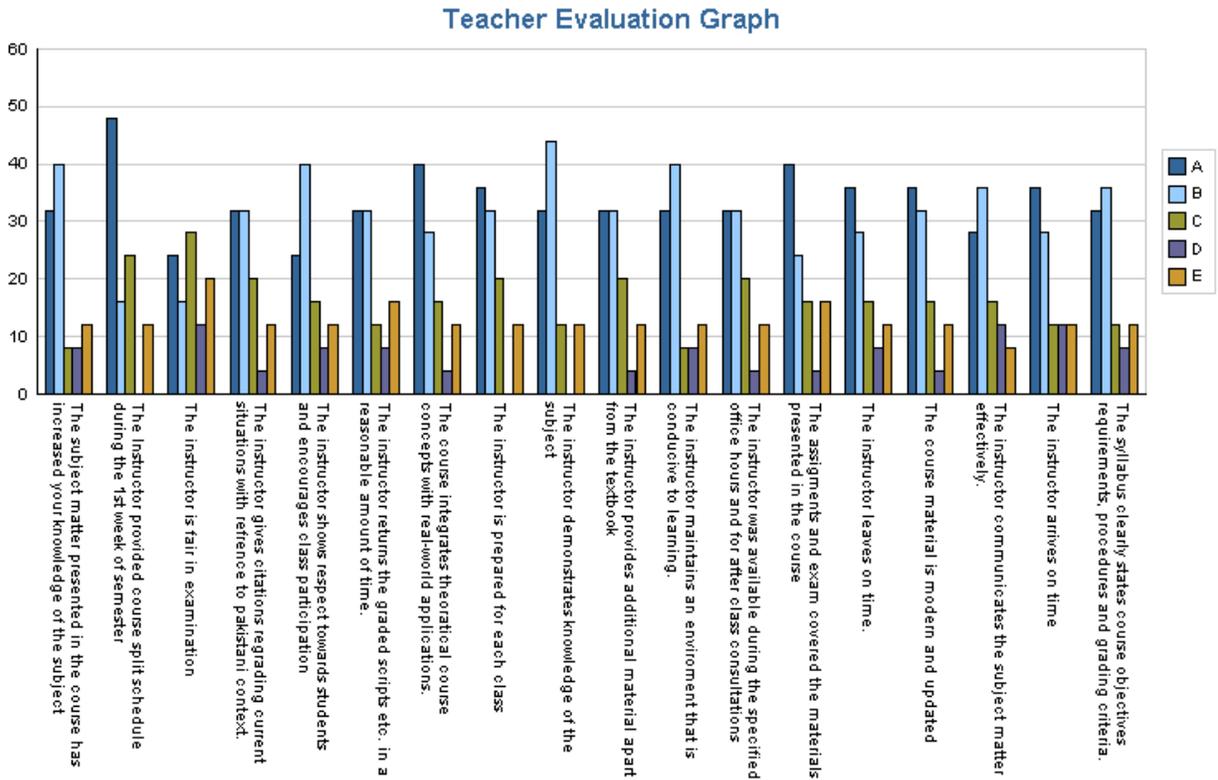
- Well prepared
- Punctual
- Fair in examinations
- The instructor maintains an environment that is conducive to learning
- Instructor provides additional material apart from the text

### **Weakness:**

- No significant weakness was found.

### **Mr Shabbir Hassan (CS 565)**

The graph for “The instructor is prepared for each class”, shows that 35% are strongly agreed, 33% are agreed, 20% are uncertain, 0% disagreed and 12% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 33% are strongly agreed, 33% are agreed, 20% are uncertain, 6% disagreed and 12% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 33% are strongly agreed, 40% are agreed, 7% are uncertain, 7% disagreed and 13% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 33% are strongly agreed, 40% are agreed, 8% are uncertain, 8% disagreed and 11% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- Well prepared
- Subject matter presented by instructor increase students knowledge of subject
- Fair in examinations

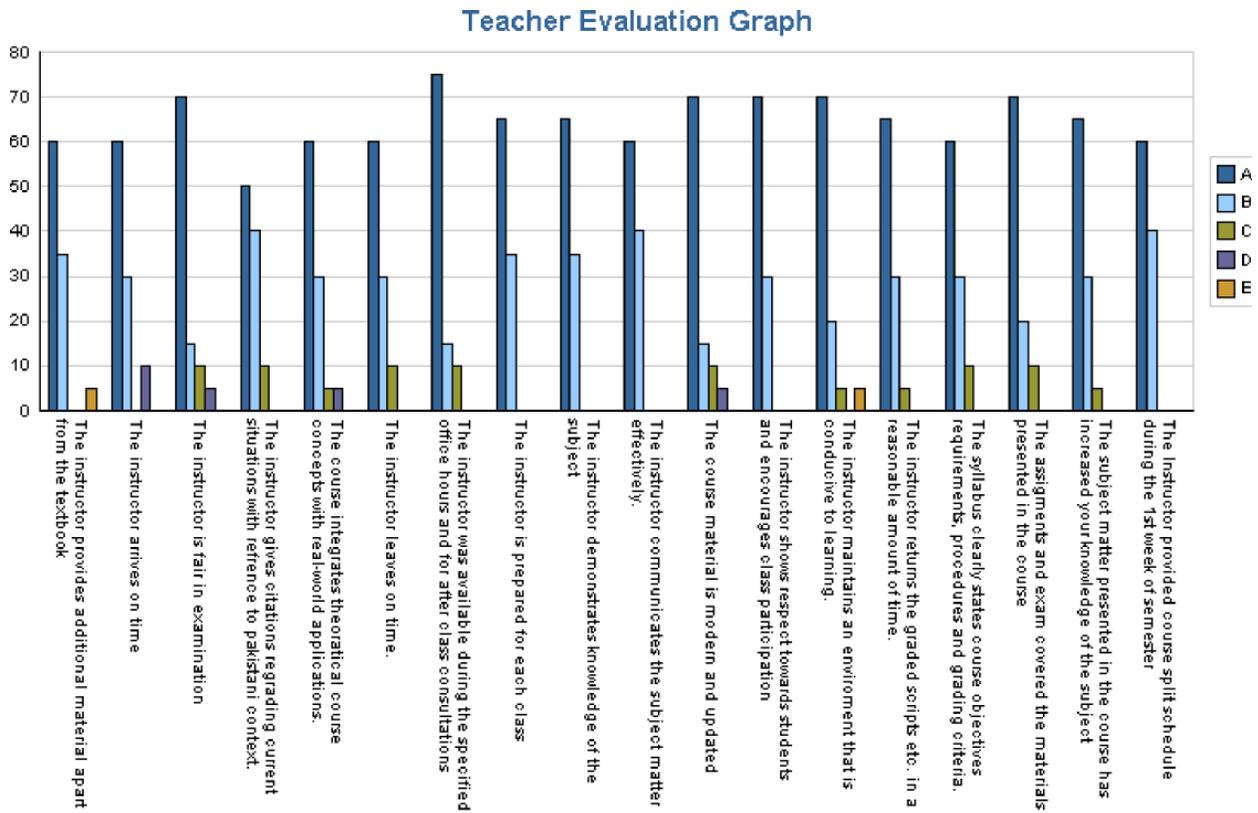
### Weakness:

- The Instructor should give citations regarding current situation with reference to pakistani context

### Ms Aisha Umair (CS 423)

The graph for “The instructor is prepared for each class”, shows that 65% are strongly agreed, 35% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The Instructor provides additional material apart from text”, shows that 60% are strongly agreed, 35% are agreed, 0% are uncertain, 0% disagreed and 5% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 70% are strongly

agreed, 20% are agreed, 5% are uncertain, 0% 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 65% are strongly agreed, 30% are agreed, 5% are uncertain, 0% disagreed and 0% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

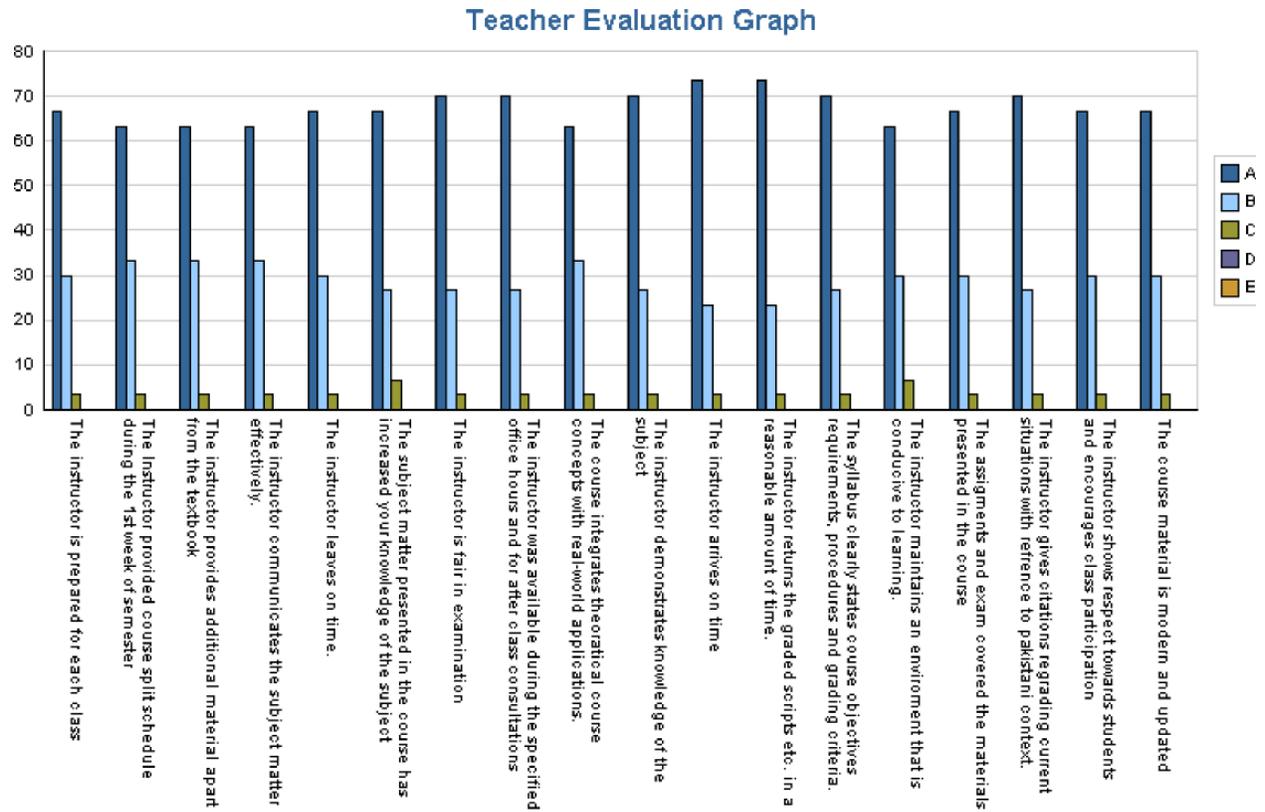
- Well prepared
- Instructor provides additional material apart from the text
- The instructor maintains an environment that is conducive to learning
- Punctual

### Weakness:

- No significant weakness was found.

**Ms Bushra Hamid (MGT 543)**

The graph for “The instructor is prepared for each class”, shows that 68% are strongly agreed, 30% are agreed, 2% are uncertain, 0% disagreed and 0% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 64% are strongly agreed, 32% are agreed, 4% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 64% are strongly agreed, 32% are agreed, 4% are uncertain, 0% 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 68% are strongly agreed, 28% are agreed, 4% are uncertain, 0% disagreed and 0% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

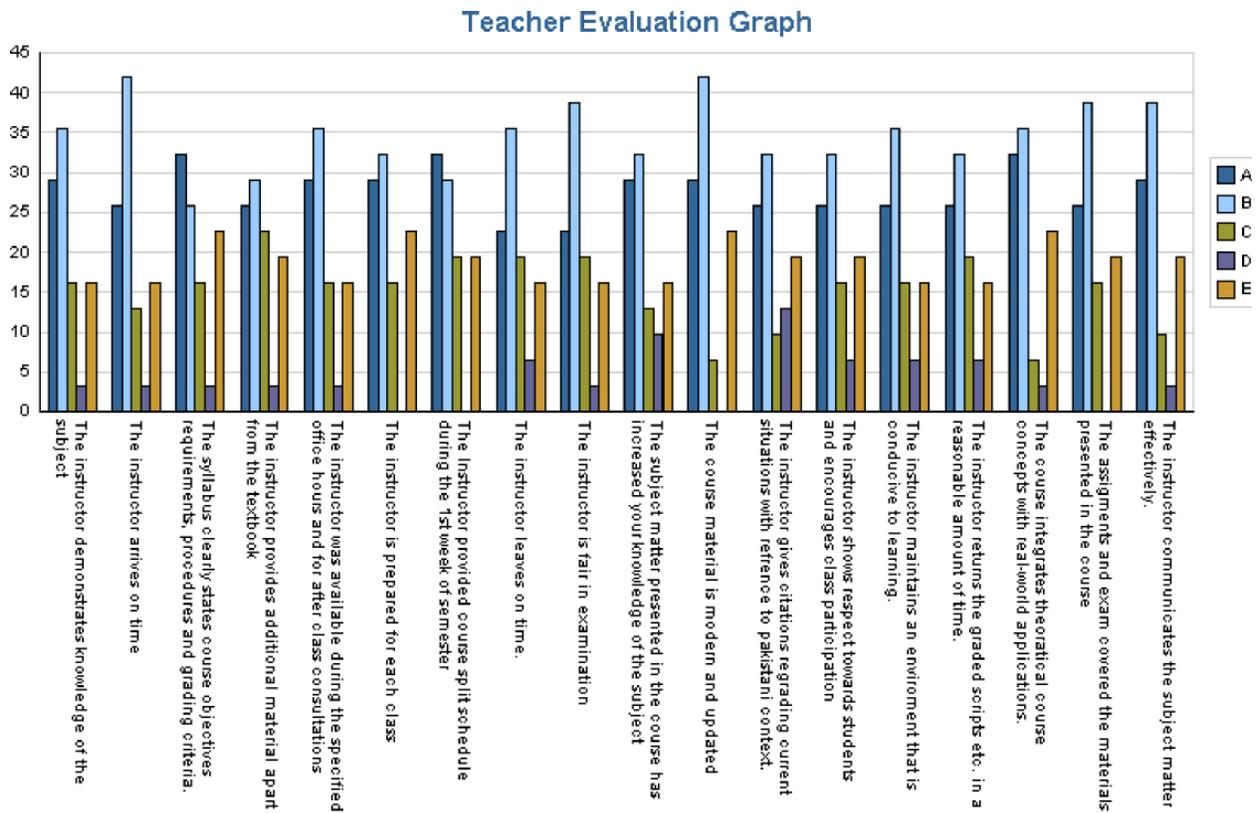
- Well prepared
- Punctual
- Instructor provides additional material apart from the text
- The instructor maintains an environment that is conducive to learning
- Instructor encourages class participation

### **Weakness:**

- No significant weakness was found.

### **Ms. Sarfaraz Bibi (SE-I)**

The graph for “The instructor is prepared for each class”, shows that 41% are strongly agreed, 33% are agreed, 12% are uncertain, 3% disagreed and 5% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 43% are strongly agreed, 33% are agreed, 12 are uncertain, 12% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 46% are strongly agreed, 33% are agreed, 7% are uncertain, 12% 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 40% are strongly agreed, 40% are agreed, 6% are uncertain, 11% disagreed and 3% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- Well prepared
- Punctual
- Fair in examinations

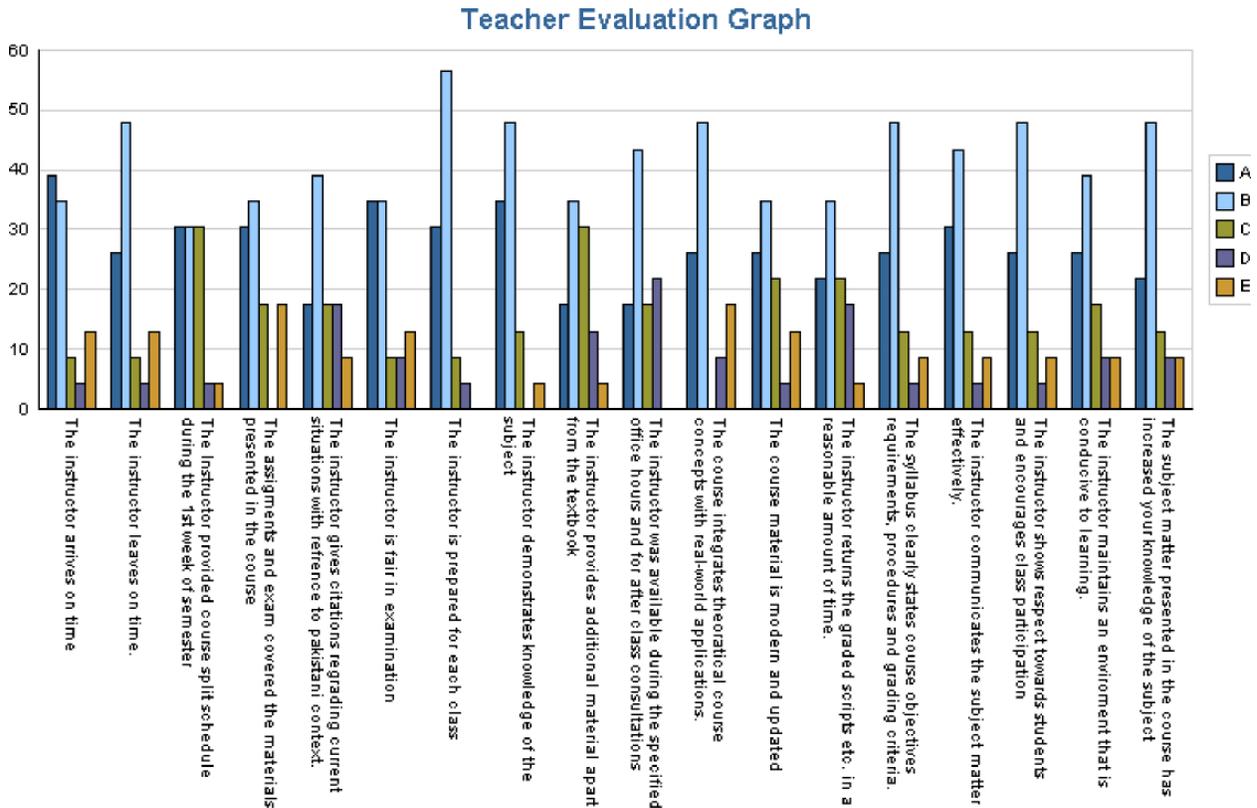
### Weakness:

- The syllabus needs improvements

### Ms. Hajra Murtaza (theory of automata)

The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 30% are strongly agreed, 57% are agreed, 8% are uncertain, 5% disagreed and 0% are strongly disagreed. The graph for ” The Instructor provides additional material apart from text” , shows that 18% are strongly agreed, 35% are agreed, 30% are uncertain, 12% disagreed and 5% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 26% are strongly agreed, 39% are agreed, 18% 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 21% are strongly agreed, 49% are agreed, 12% are uncertain, 8% disagreed and 8% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

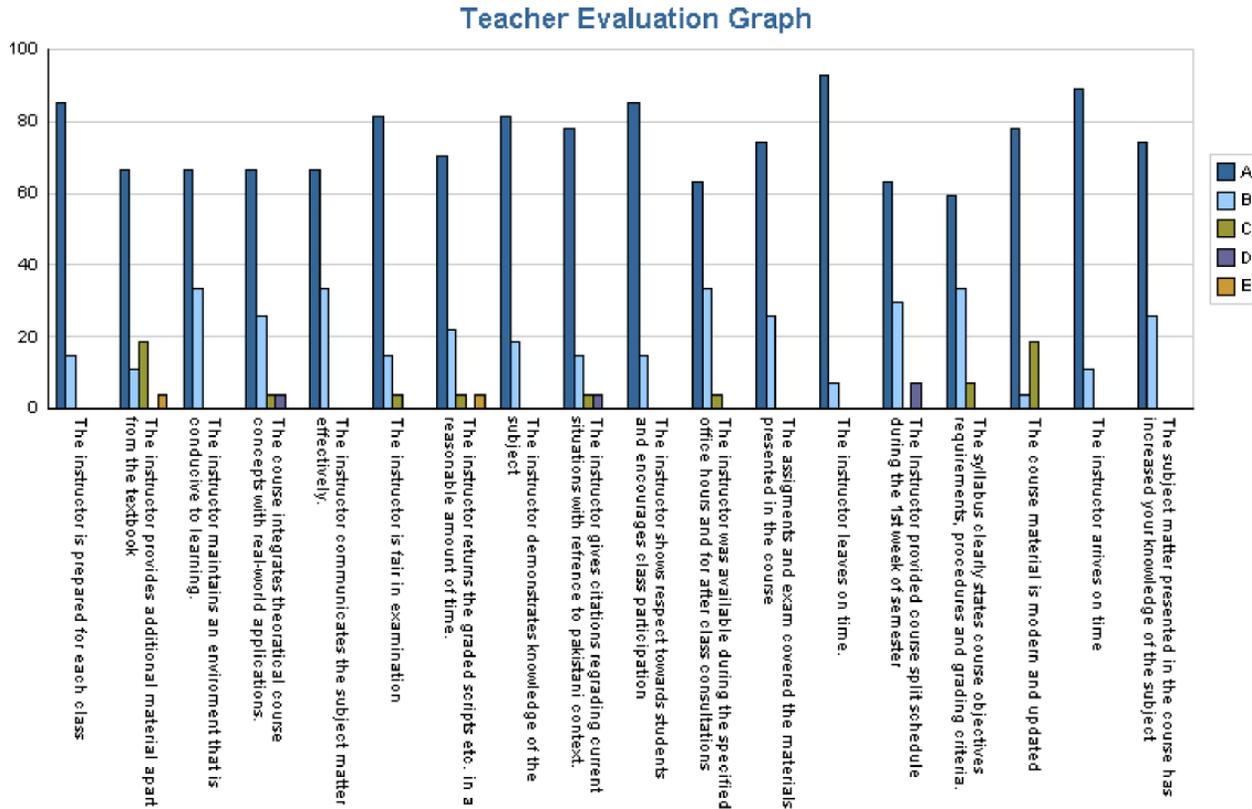
- Punctual in classes and fair in examination
- Well prepared and Good communication

### Weaknesses:

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

**Mr. Hina Gul (MGT 351)**

The graph for “The instructor is prepared for each class”, shows that 83% are strongly agreed, 18% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 64% are strongly agreed, 12% are agreed, 19% are uncertain, 0% disagreed and 5% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 68% are strongly agreed, 32% are agreed, 0% are uncertain, 0% 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 78% are strongly agreed, 22% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed.



**General Comments of the Students about the Teacher**

**Strengths:**

- Well prepared and fair in examination
- The Instructor 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

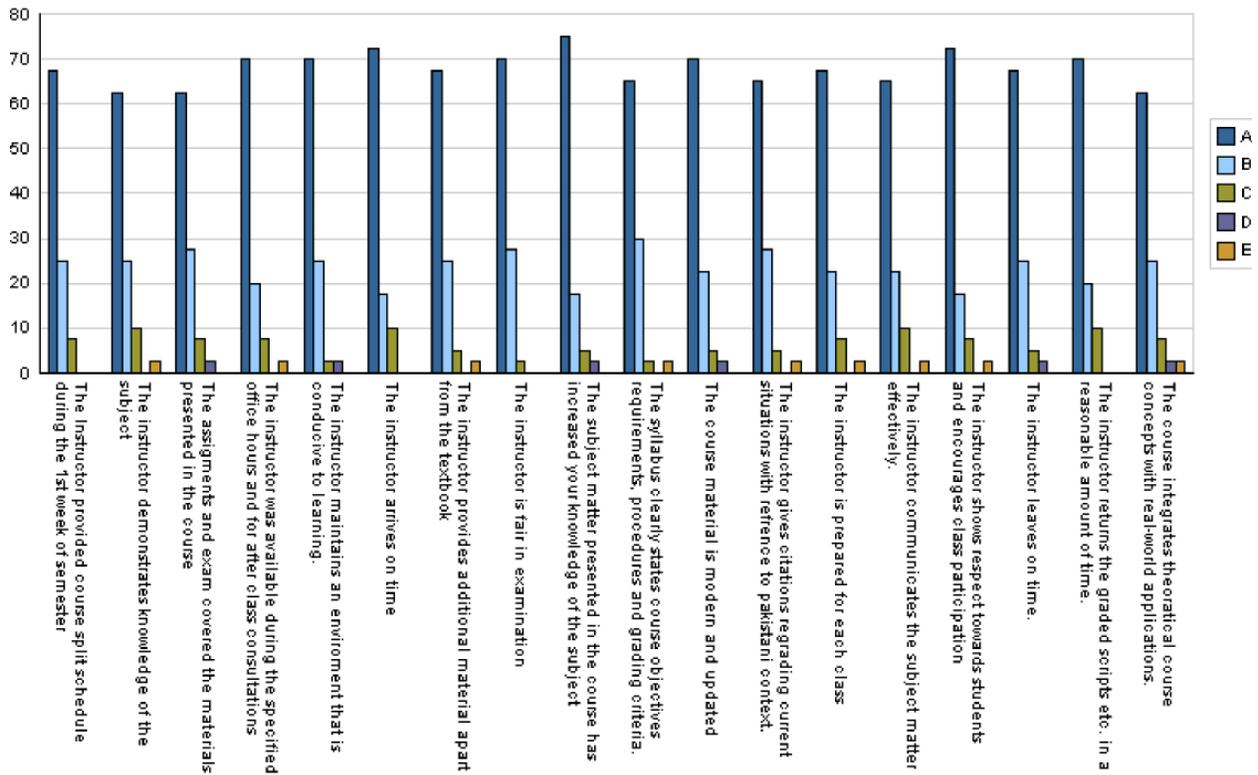
**Strengths:**

- No significant weakness was found.

**Mr. Asif Nawaz (OOP)**

The graph for “The instructor is prepared for each class”, shows that 88% are strongly agreed, 6% are agreed, 6% are uncertain, 0% disagreed and 0% are strongly disagreed. The Instructor provides additional material apart from text” , shows that 94% are strongly agreed, 0% are agreed, 6% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 84% are strongly agreed, 8% are agreed, 8% are uncertain, 0% 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 88% are strongly agreed, 6% are agreed, 6% are uncertain, 0% disagreed and 0% are strongly disagreed.

Teacher Evaluation Graph



**General Comments of the Students about the Teacher**

**Strengths:**

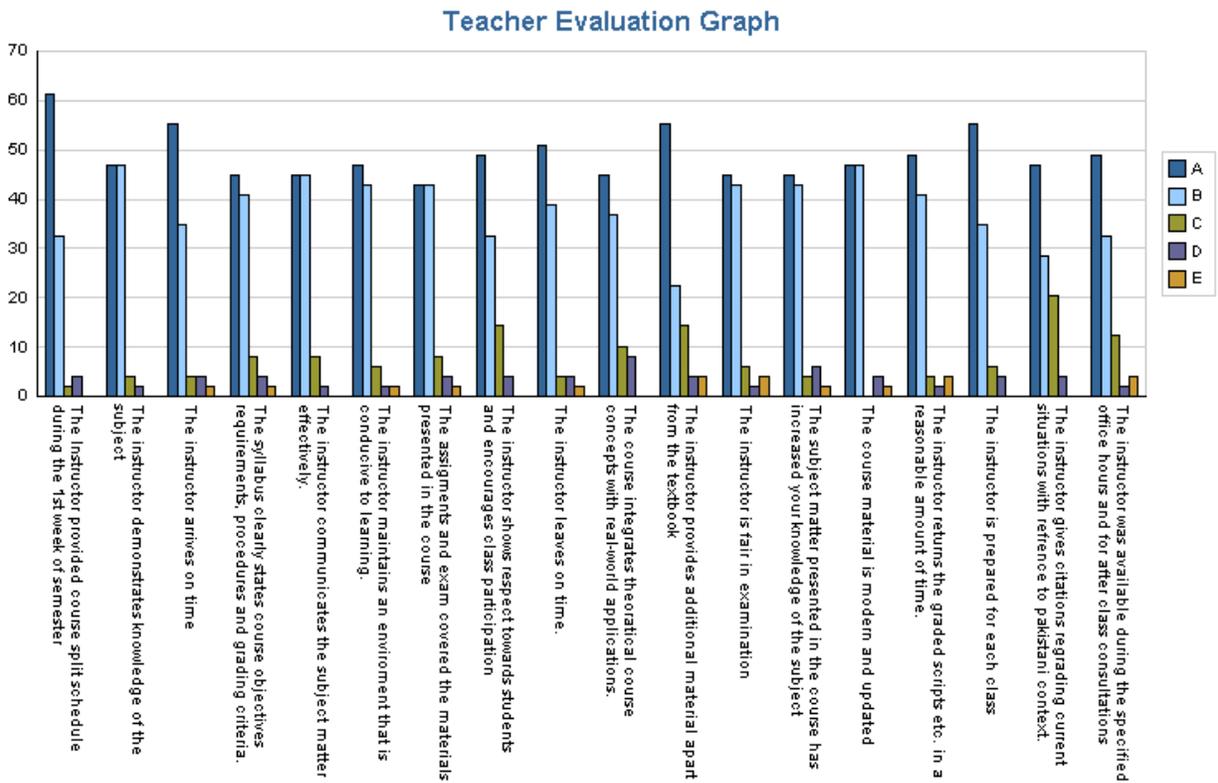
- Well delivered
- Problem solving is good
- The Instructor maintains an environment that is conducive to learning
- Punctual and respects the students
- The Instructor provides additional material apart from text
- The subject matter presented in the course has increased your knowledge of the subject

**Weaknesses:**

- No significant weakness was found.

**Mr. Tariq Ali (CS-323)**

The graph for “The instructor is prepared for each class”, shows that 55% are strongly agreed, 35% are agreed, 6% are uncertain, 4% disagreed and 0% are strongly disagreed. “The Instructor provides additional material apart from text” , shows that 55% are strongly agreed, 22% are agreed, 15% are uncertain, 4% disagreed and 4% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 47% are strongly agreed, 44% are agreed, 7% are uncertain, 1% 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 45% are strongly agreed, 42% are agreed, 5% are uncertain, 6% disagreed and 2% are strongly disagreed.



**General Comments of the Students about the Teacher**

**Strengths:**

- Comprehensive course material

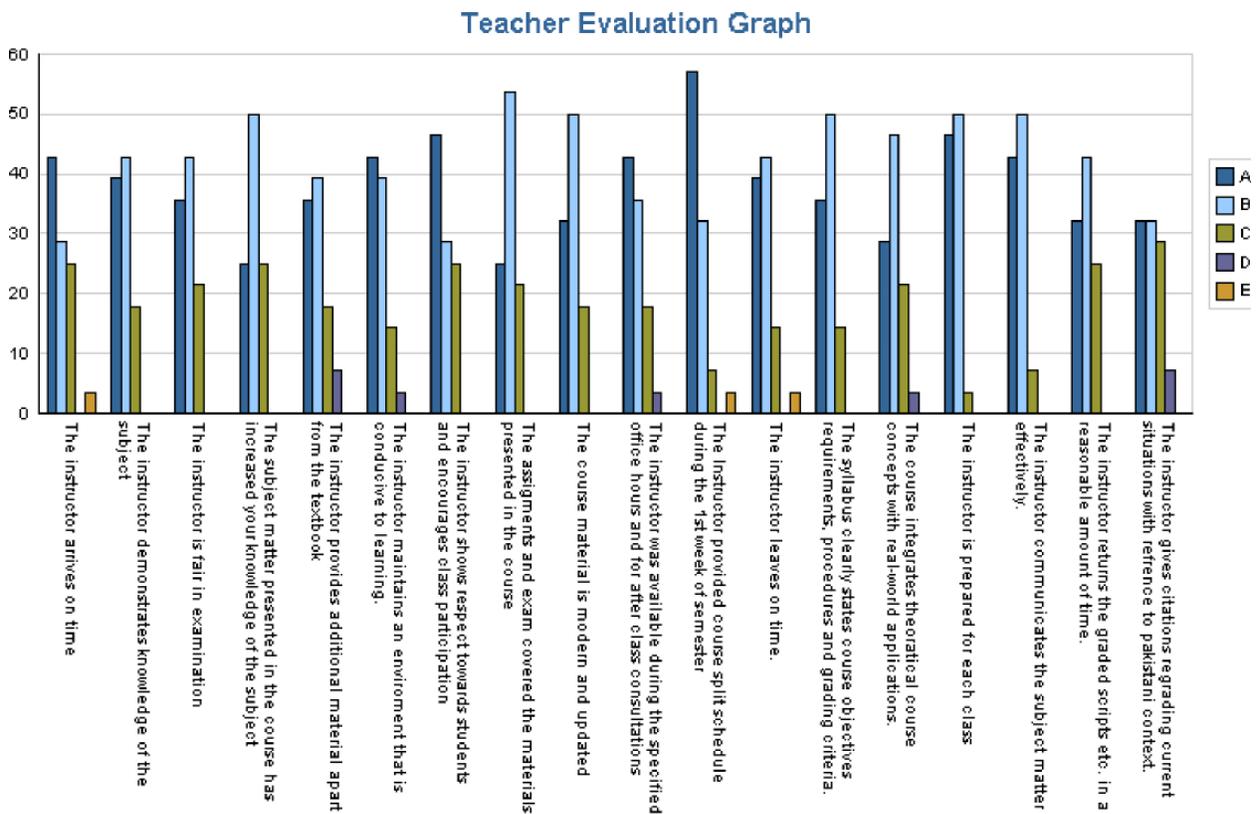
- Good Teaching method
- Take Quiz Weekly

**Weakness:**

- No significant weakness was found.

**Mr. Ehtesham (MTH 315)**

The graph for “The instructor is prepared for each class”, shows that 47% are strongly agreed, 50% are agreed, 3% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 36% are strongly agreed, 39% are agreed, 18% are uncertain, 7% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 42% are strongly agreed, 39% are agreed, 14% 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, 50% are agreed, 25% are uncertain, 0% disagreed and 0% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

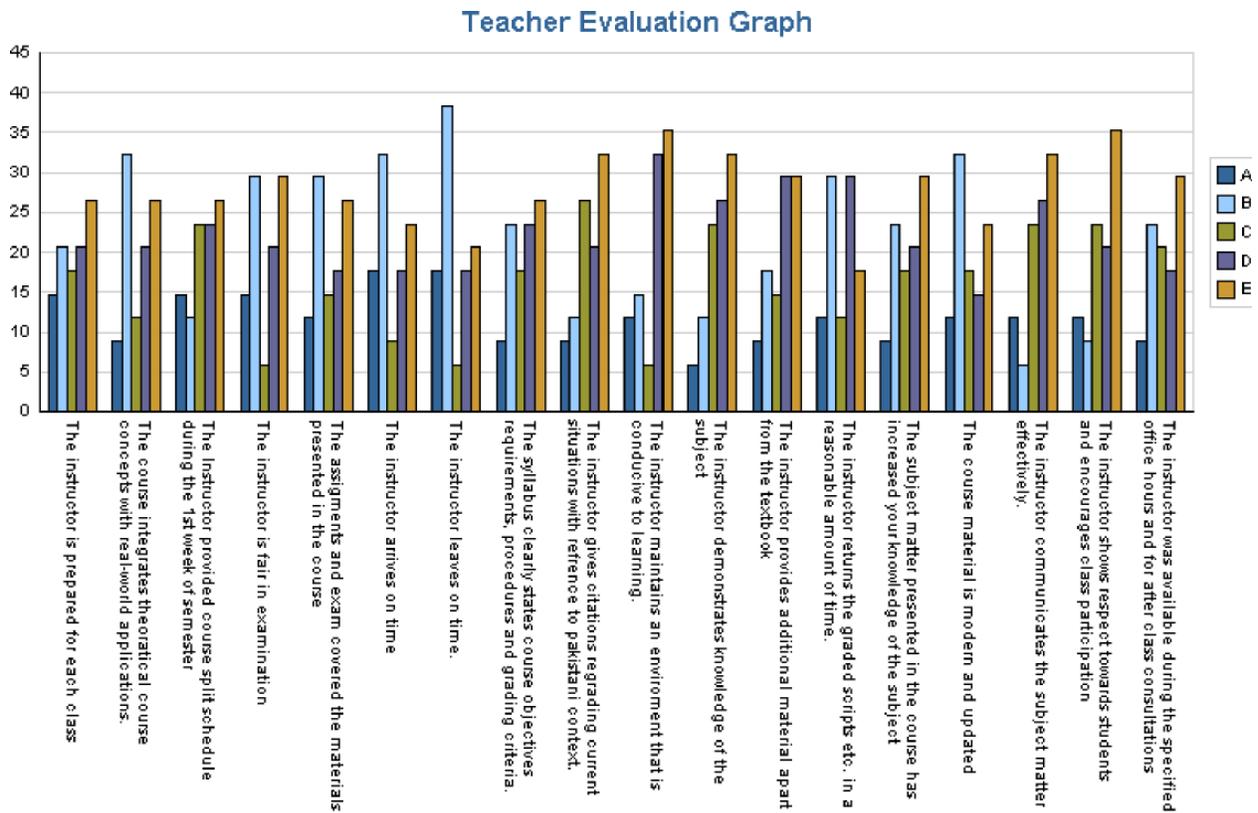
- Comprehensive course material
- Well presented
- The instructor is prepared for each class
- The Instructor maintains an environment that is conducive to learning

### **Weakness:**

- No significant weakness was found.

### **Mr. Muhammad Jaffer (CS 530)**

The graph for “The instructor is prepared for each class”, shows that 28% are strongly agreed, 12% are agreed, 23% are uncertain, 14% disagreed and 23% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 36% are strongly agreed, 0% are agreed, 24% are uncertain, 4% disagreed and 36% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 28% are strongly agreed, 16% are agreed, 16% are uncertain, 15% disagreed and 23% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 24% are strongly agreed, 11% are agreed, 16% are uncertain, 16% disagreed and 33% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- Good pace

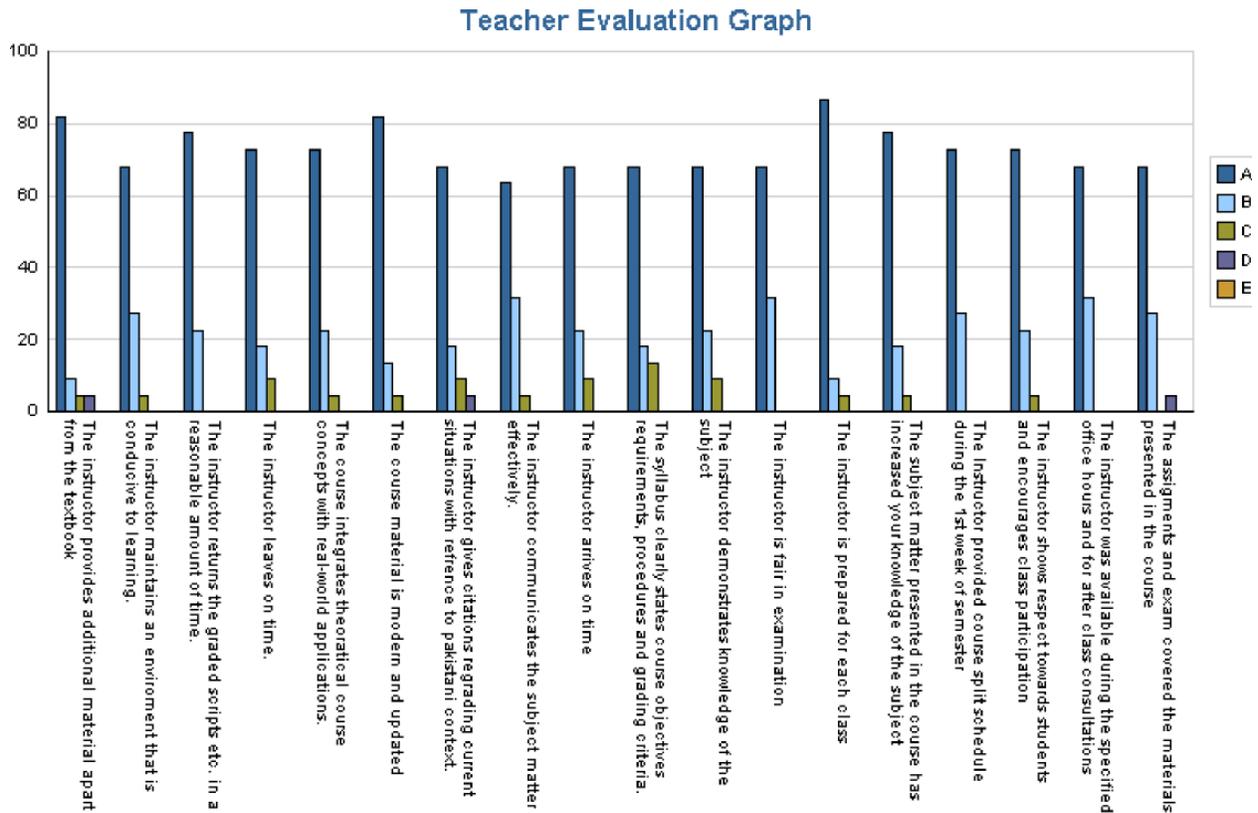
### Weakness:

- Relevant material should be provided
- The instructor need to show respect towards the students
- Instructor should encourage class participation
- The Instructor needs to maintain an environment that is conducive to learning

### Mr. Iftikhar (CS 432)

The graph for “The instructor is prepared for each class”, shows that 88% are strongly agreed, 10% are agreed, 5% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 82% are strongly agreed, 10% are agreed, 4% are uncertain, 4% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that

68% are strongly agreed, 24% are agreed, 4% are uncertain, 4% 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 78% are strongly agreed, 18% are agreed, 4% are uncertain, 0% disagreed and 0% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

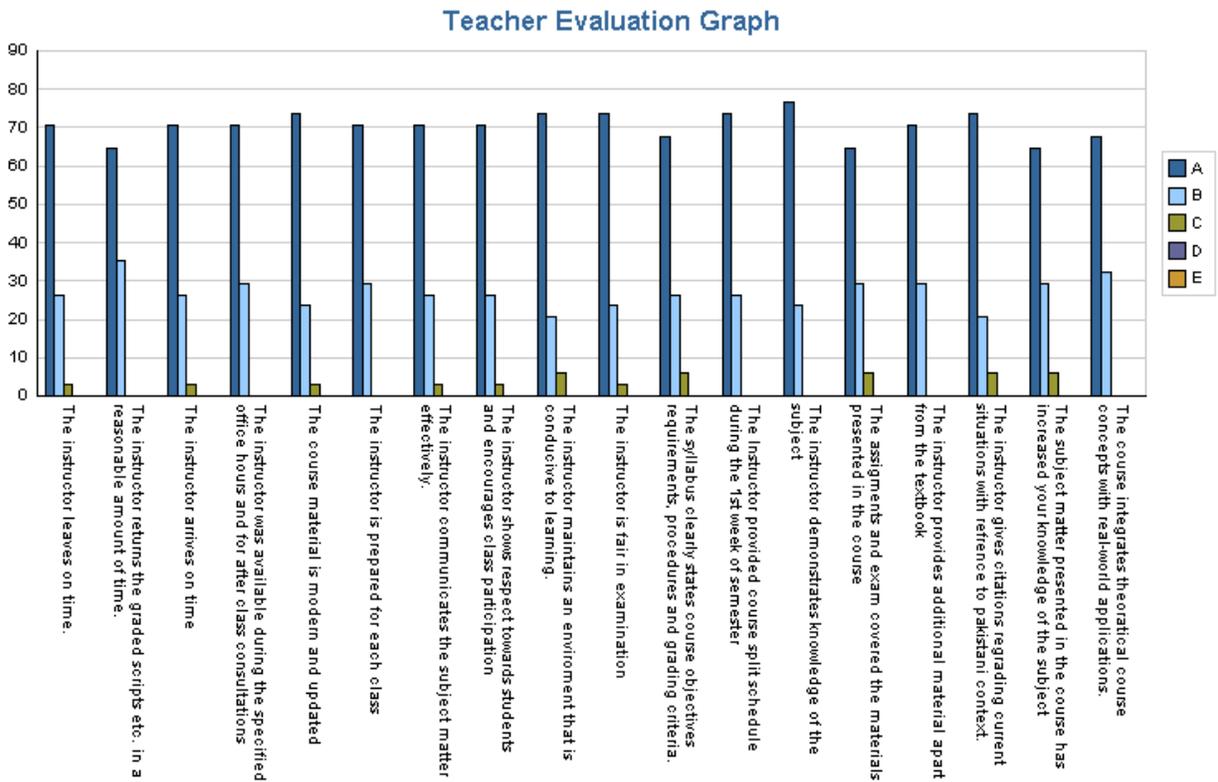
- Course material available
- The instructor is well prepared for each class
- The Instructor maintains an environment that is conducive to learning
- Good pace

### Weakness:

- No significant weakness was found

**Mr. Khurram Shehzad (SSH 305)**

The graph for “The instructor is prepared for each class”, shows that 70% are strongly agreed, 30% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 70% are strongly agreed, 30% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 72% are strongly agreed, 20% are agreed, 8% are uncertain, 0% 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 64% are strongly agreed, 29% are agreed, 7% are uncertain, 0% disagreed and 0% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

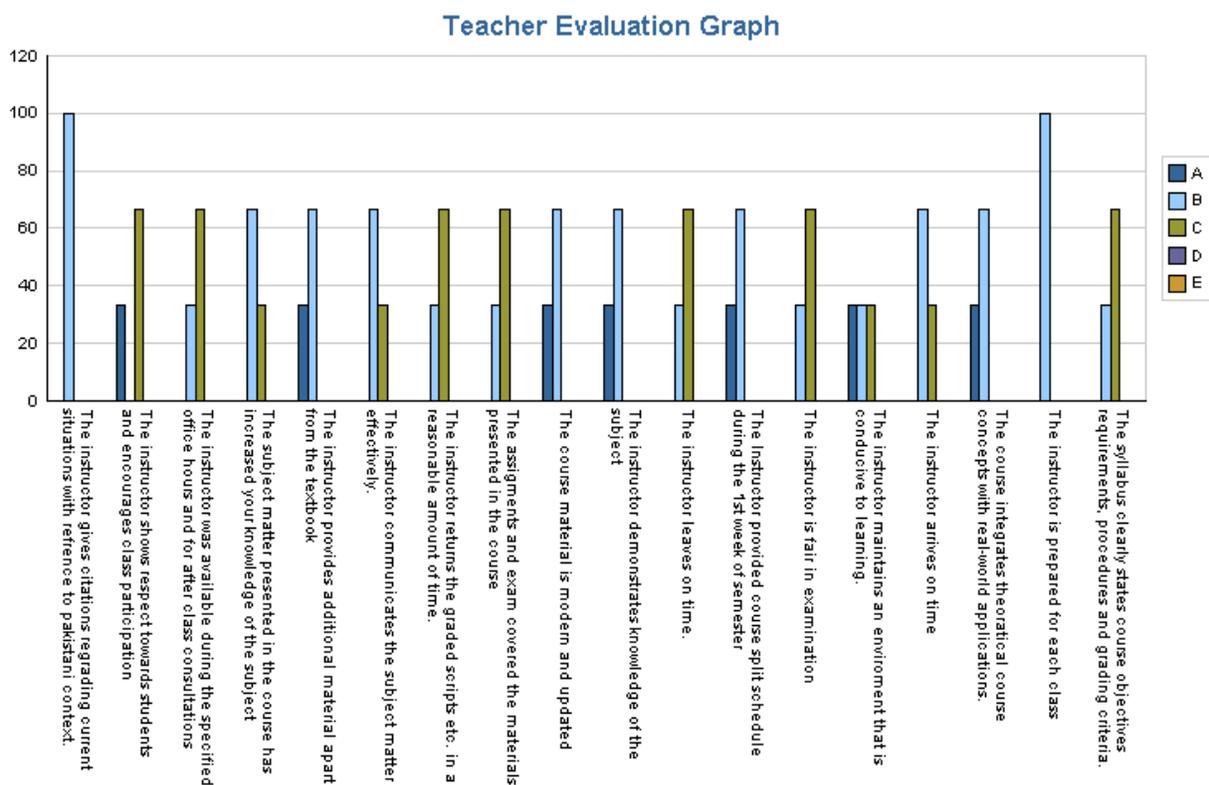
- The instructor is prepared for each class Good pace
- The Instructor provides additional material apart from text
- The Instructor maintains an environment that is conducive to learning
- The subject matter presented in the course has increased your knowledge of the subject

### **Weakness:**

- No significant weakness was found

### **Mr. Mehtab Alam (CS 699)**

The graph for “The instructor is prepared for each class”, shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 35% are strongly agreed, 65% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 33% are strongly agreed, 33% are agreed, 34% are uncertain, 0% 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 66% are strongly agreed, 34% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- The instructor is prepared for each class Good pace
- The Instructor provides additional material apart from text
- The subject matter presented in the course has increased your knowledge of the subject

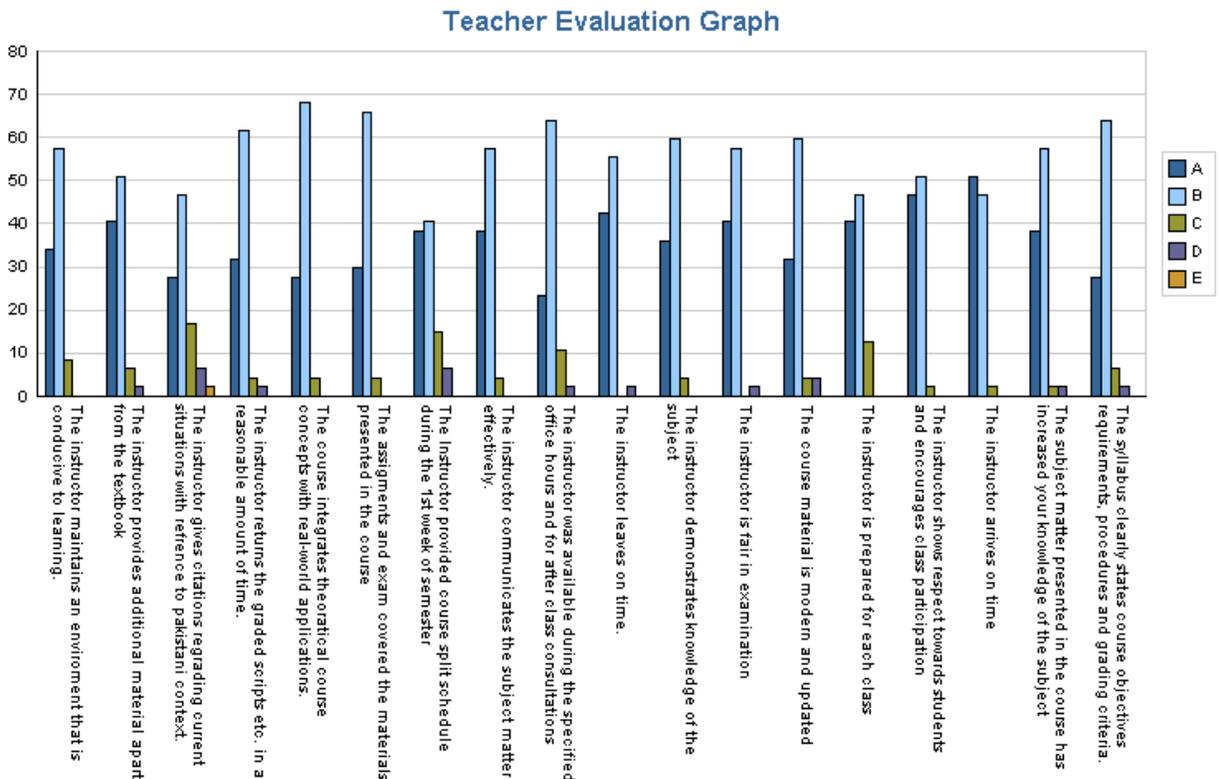
### Weakness:

- No significant weakness was found

### Ms. Sadia Naseem (ENG 305)

The graph for “The instructor is prepared for each class”, shows that 40% are strongly agreed, 47% are agreed, 13% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 40% are strongly agreed, 50% are agreed, 7% are uncertain, 3% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that

34% are strongly agreed, 58% are agreed, 8% are uncertain, 0% 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 39% are strongly agreed, 57% are agreed, 3% are uncertain, 3% disagreed and 0% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

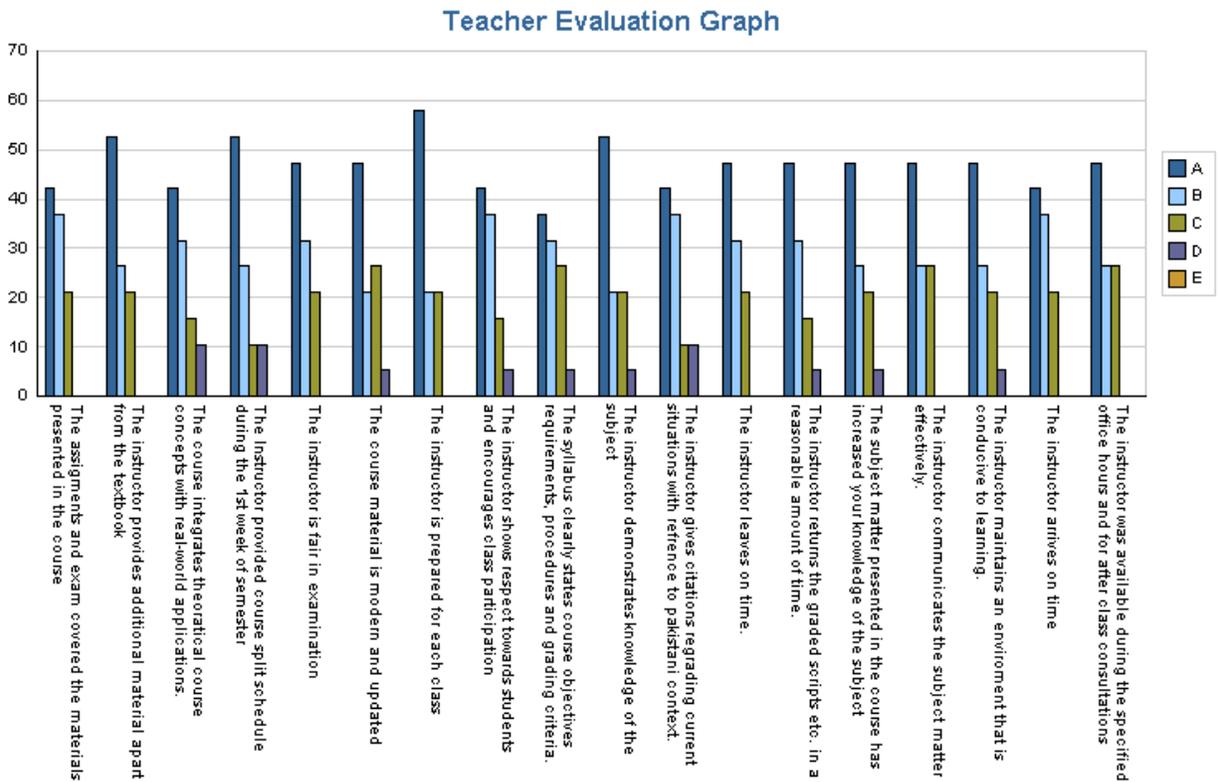
- The instructor is prepared for each class
- The Instructor provides additional material apart from text
- The subject matter presented in the course has increased your knowledge of the subject
- The instructor shows respect towards students and encourages class participation

### Weakness:

- No significant weakness was found

**Mr Mohsin Hassan(MTH 435)**

The graph for “The instructor is prepared for each class”, shows that 58% are strongly agreed, 21% are agreed, 21% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 52% are strongly agreed, 26% are agreed, 22% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 48% are strongly agreed, 27% are agreed, 20% are uncertain, 5% 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 48% are strongly agreed, 26% are agreed, 22% are uncertain, 4% disagreed and 0% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

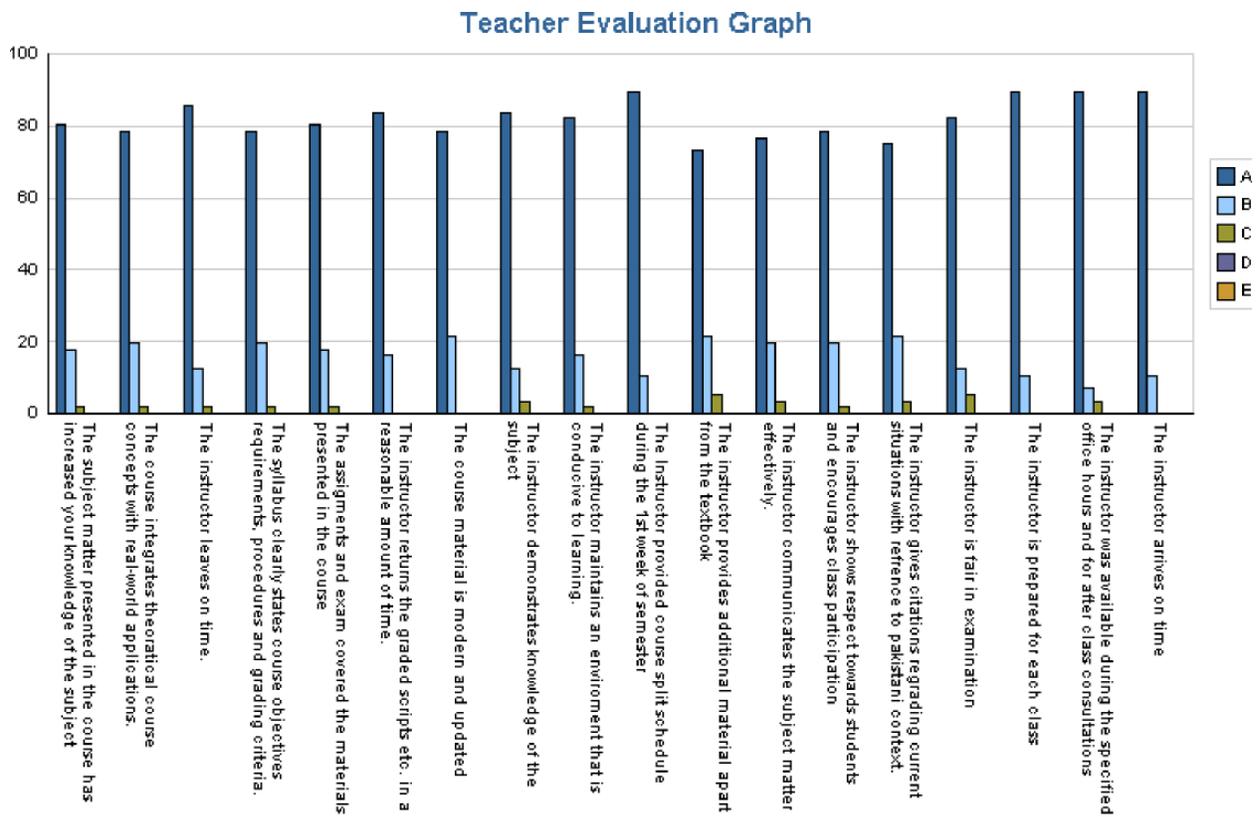
- Good pace
- The instructor shows respect towards students and encourages class participation
- Well prepared

### **Weakness:**

- No significance weakness was found

### **Mr. Mohsin Raza(CS 335)**

The graph for “The instructor is prepared for each class”, shows that 90% are strongly agreed, 10% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 74% are strongly agreed, 20% are agreed, 6% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 81% are strongly agreed, 18% are agreed, 1% are uncertain, 0% 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 80% are strongly agreed, 19% are agreed, 1% are uncertain, 0% disagreed and 0% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

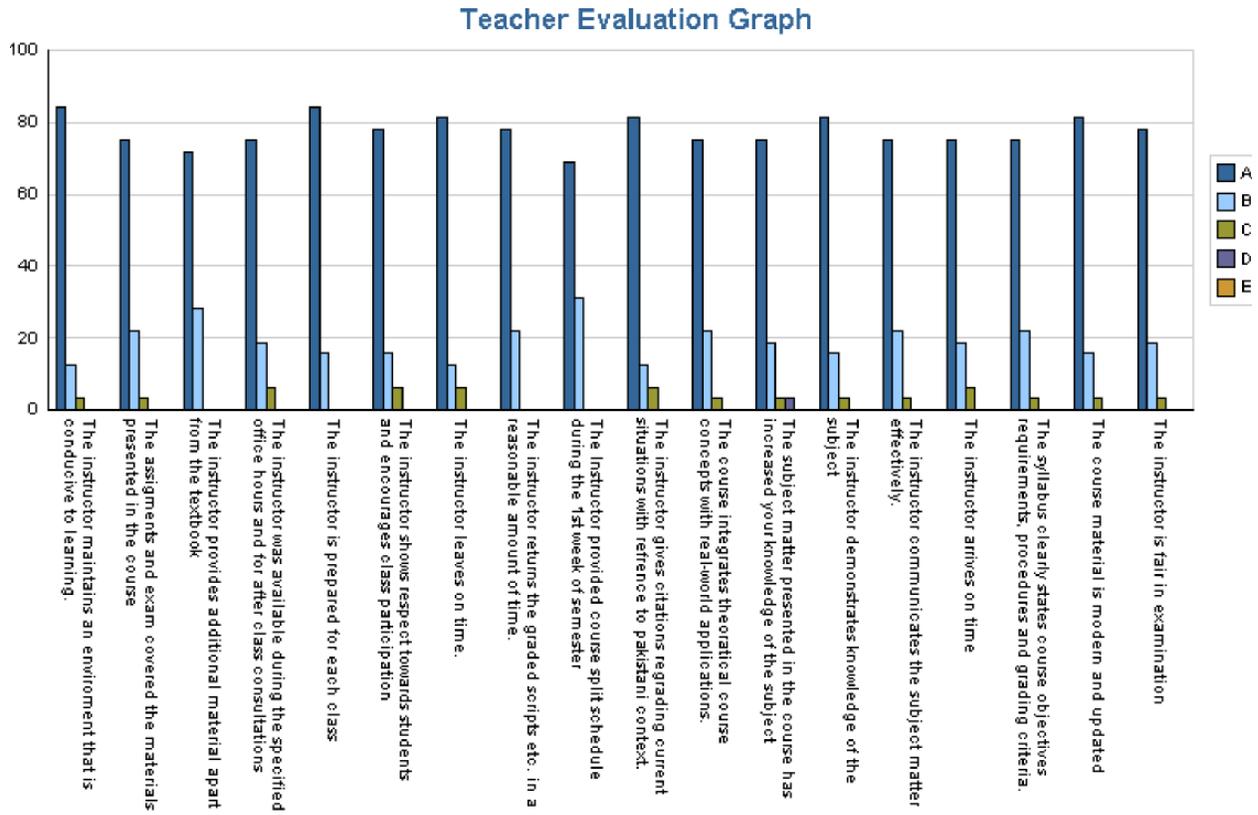
- The instructor shows respect towards students and encourages class participation
- The instructor is prepared for each class Good pace
- The Instructor provides additional material apart from text
- Punctual
- The subject matter presented in the course has increased your knowledge of the subject
- 

### Weakness:

- No significant weakness was found

**Ms Shazia Naseem(SSH 302)**

The graph for “The instructor is prepared for each class”, shows that 83% are strongly agreed, 17% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 72% are strongly agreed, 28% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 83% are strongly agreed, 10% are agreed, 7% are uncertain, 0% 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 76% are strongly agreed, 18% are agreed, 3% are uncertain, 3% disagreed and 0% are strongly disagreed.



## **General Comments of the Students about the Teacher**

### **Strengths:**

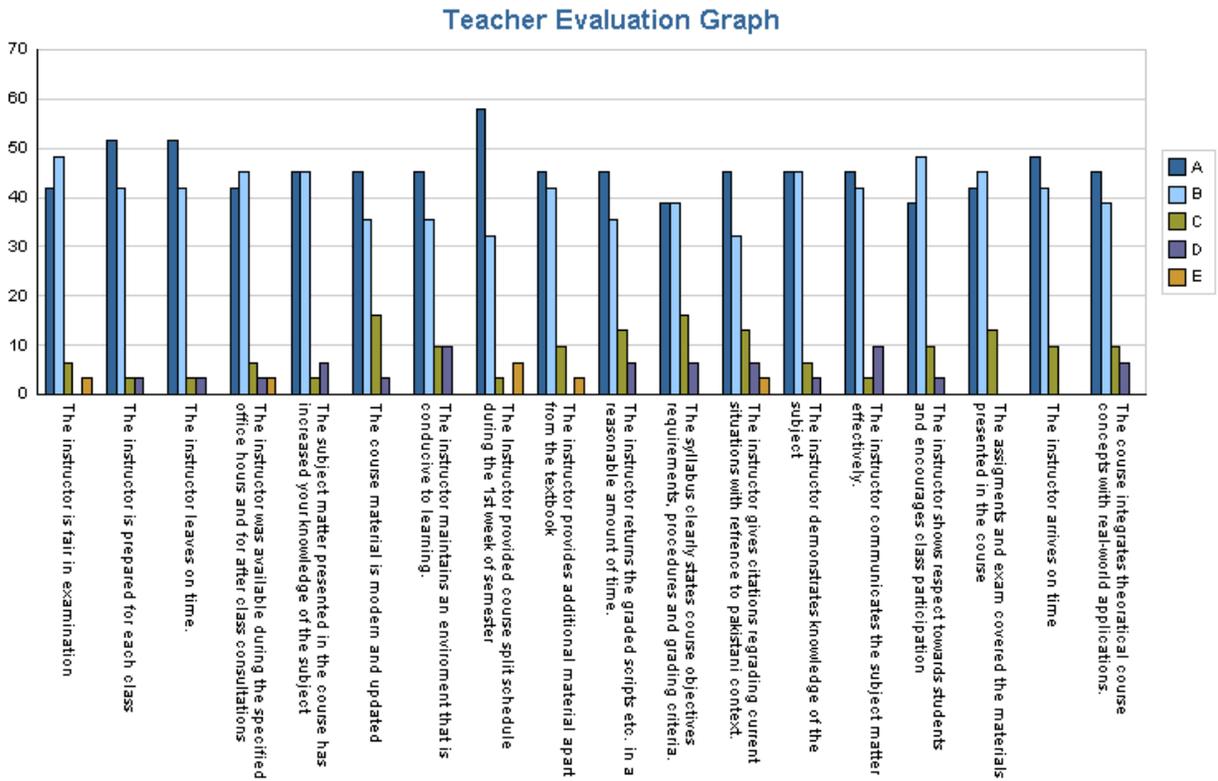
- The instructor shows respect towards students and encourages class participation
- The instructor is prepared for each class Good pace
- The Instructor provides additional material apart from text
- Punctual
- The subject matter presented in the course has increased your knowledge of the subject
- The instructor returns the grade script in a reasonable amount of time

### **Weakness:**

- No significant weakness was found

### **Mr Tufail Hussain(MTH 415)**

The graph for “The instructor is prepared for each class”, shows that 51% are strongly agreed, 41% are agreed, 4% are uncertain, 4% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 45% are strongly agreed, 41% are agreed, 10% are uncertain, 0% disagreed and 4% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 45% are strongly agreed, 35% are agreed, 10% are uncertain, 10% 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 45% are strongly agreed, 45% are agreed, 4% are uncertain, 6% disagreed and 0% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- The subject matter presented in the course has increased your knowledge of the subject
- Course material available
- The instructor shows respect towards students and encourages class participation
- The instructor is prepared for each class Good pace
- The Instructor provides additional material apart from text

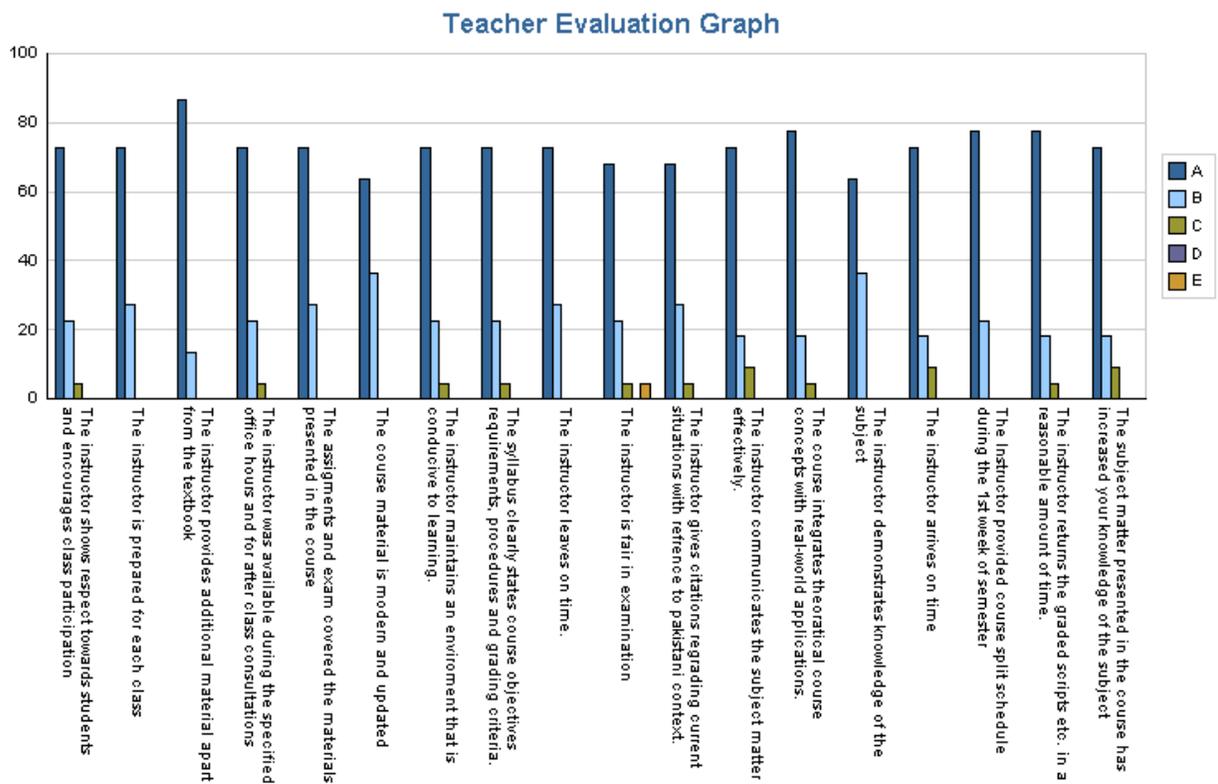
### Weakness:

- No significant weakness was found

### Ms. Zainab Kalsoom(ENG 325)

The graph for “The instructor is prepared for each class”, shows that 75% are strongly agreed, 25% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 88% are strongly

agreed, 12% are agreed, 0% are uncertain, 0% disagreed and 0% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 72% are strongly agreed, 22% are agreed, 6% are uncertain, 0% 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 72% are strongly agreed, 18% are agreed, 10% are uncertain, 0% disagreed and 0% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- The instructor shows respect towards students and encourages class participation
- The instructor is prepared for each class Good pace
- The Instructor provides additional material apart from text
- Punctual

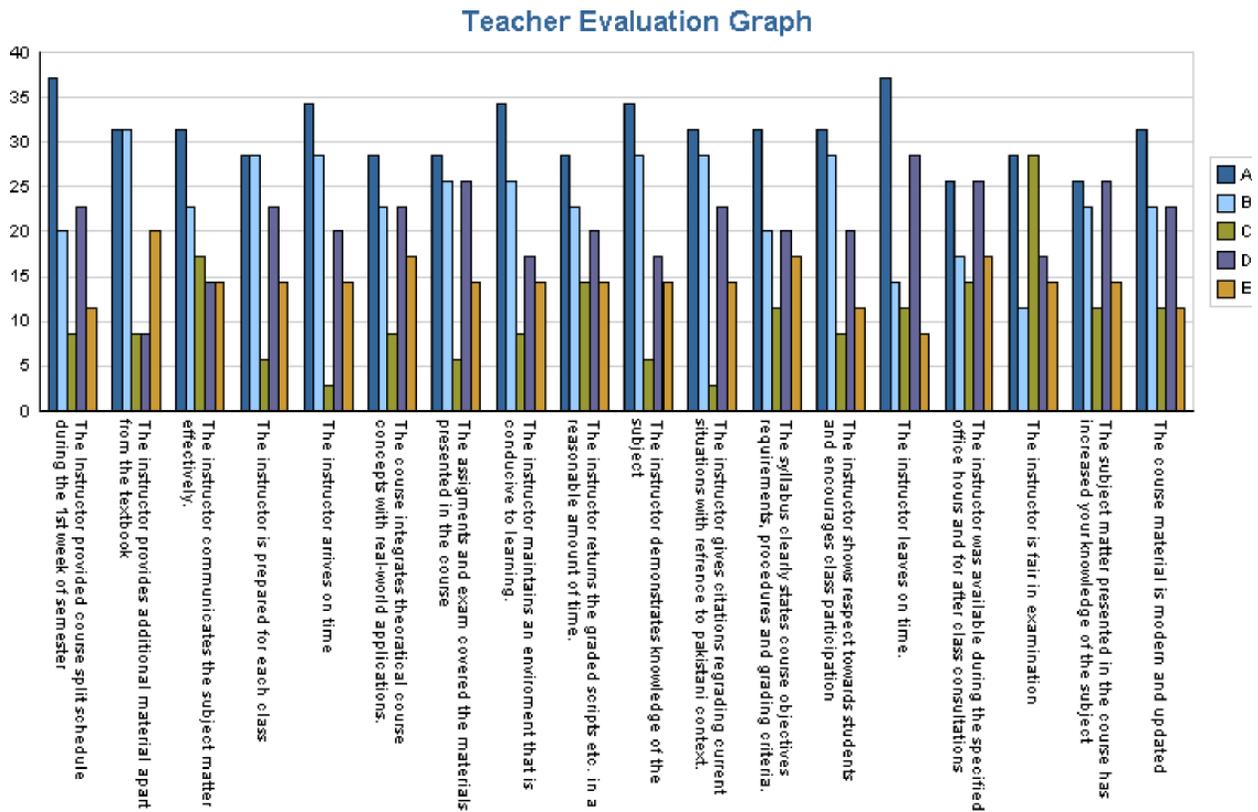
- The subject matter presented in the course has increased your knowledge of the subject
- The instructor returns the grade script in a reasonable amount of time

**Weakness:**

- No significant weakness was found

**Ms Sahira Mushtaq(MGT 411)**

The graph for “The instructor is prepared for each class”, shows that 28% are strongly agreed, 28% are agreed, 5% are uncertain, 24% disagreed and 14% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 31% are strongly agreed, 31% are agreed, 9% are uncertain, 9% disagreed and 20% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 35% are strongly agreed, 26% are agreed, 9% are uncertain 17% disagreed and 13% 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, 22% are agreed, 13% are uncertain, 26% disagreed and 14% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- Punctual

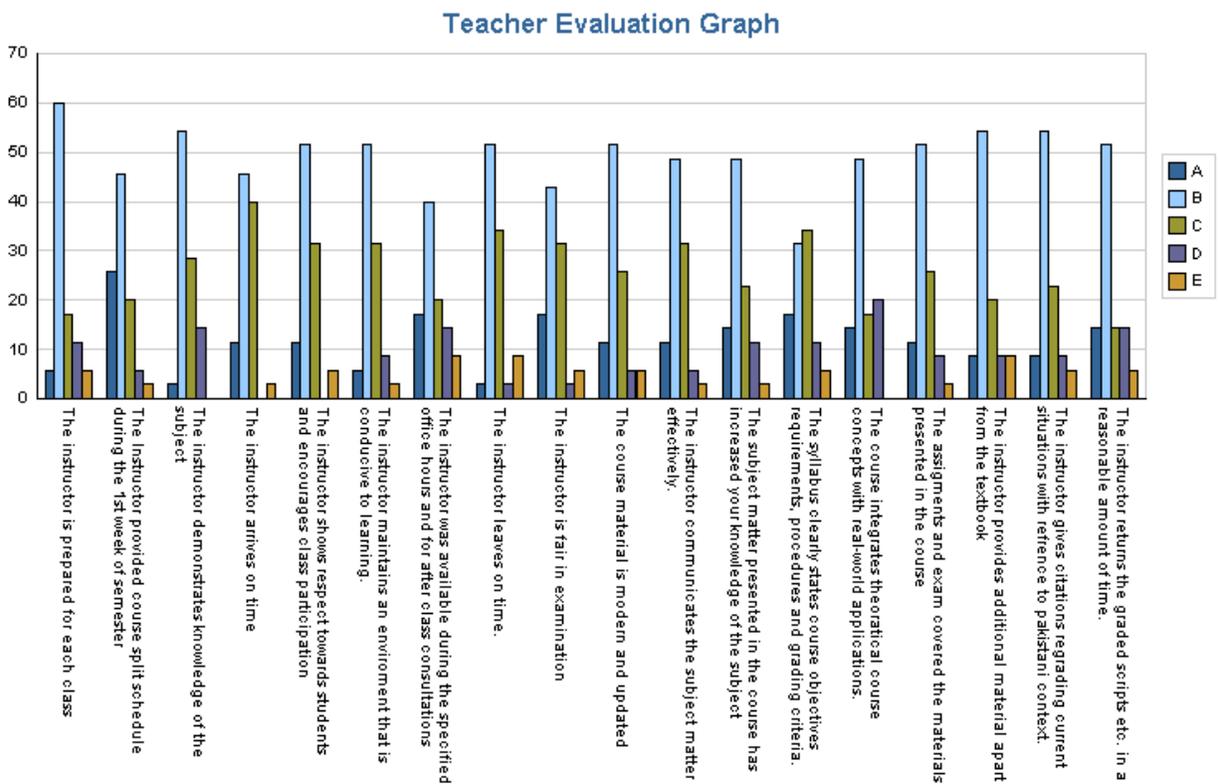
### Weakness:

- Relevant material should be provided
- The instructor need to show respect towards the students
- Instructor should encourage class participation
- The Instructor needs to maintain an environment that is conducive to learning

### Mr. Rahat Ali(CS 576)

The graph for “The instructor is prepared for each class”, shows that 6% are strongly agreed, 60% are agreed, 16% are uncertain, 11 disagreed and 7% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 9% are strongly agreed,

53% are agreed, 20% are uncertain, 9% disagreed and 9% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 6% are strongly agreed, 52% are agreed, 30% are uncertain, 9% disagreed and 3% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 14% are strongly agreed, 49% are agreed, 22% are uncertain, 11% disagreed and 4% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

- Well prepared
- Punctual
- Fair in examinations
- The instructor maintains an environment that is conducive to learning

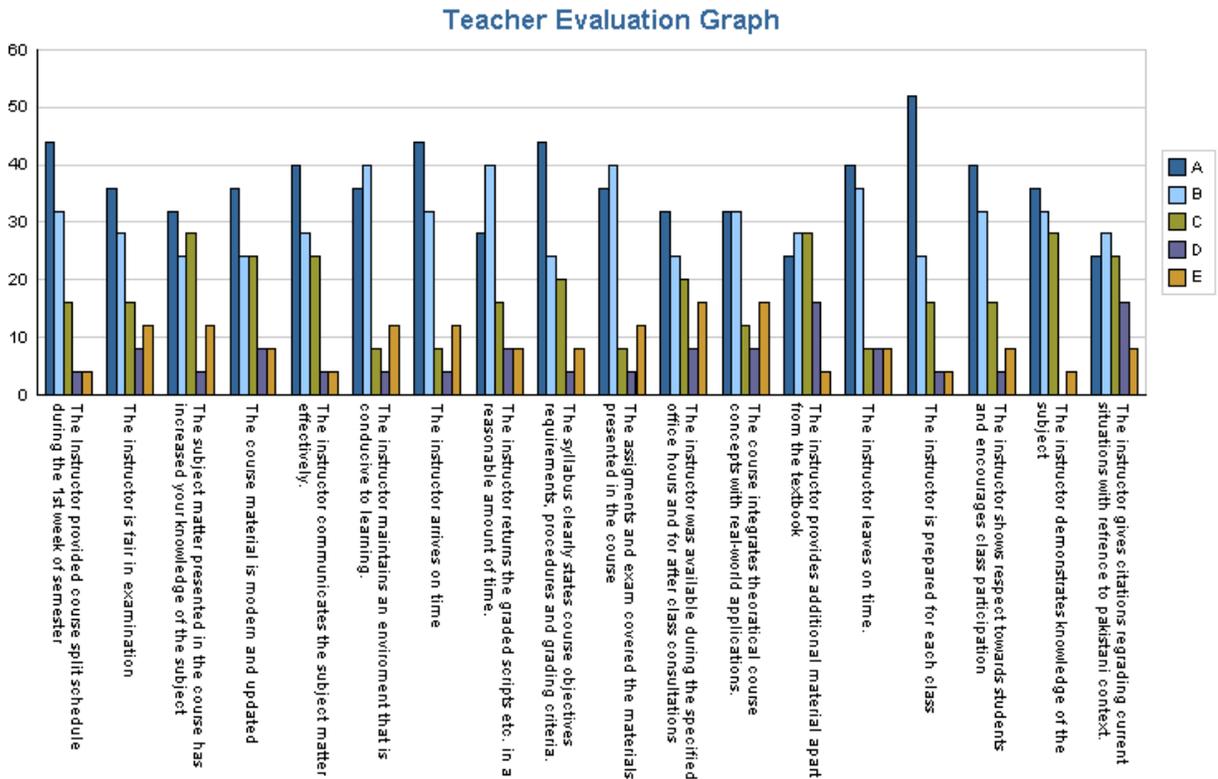
- Instructor provides additional material apart from the text

**Weakness:**

- No significant weakness was found.

**Ms. Mehwish Arif(CS 430)**

The graph for “The instructor is prepared for each class”, shows that 52% are strongly agreed, 22% are agreed, 16% are uncertain, 5% disagreed and 5% are strongly disagreed. The graph for “The Instructor provides additional material apart from text” , shows that 24% are strongly agreed, 28% are agreed, 28% are uncertain, 16% disagreed and 4% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.” , shows that 36% are strongly agreed, 40% are agreed, 8% are uncertain, 4% disagreed and 12% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 32% are strongly agreed, 24% are agreed, 28% are uncertain, 3% disagreed and 13% are strongly disagreed.



## General Comments of the Students about the Teacher

### Strengths:

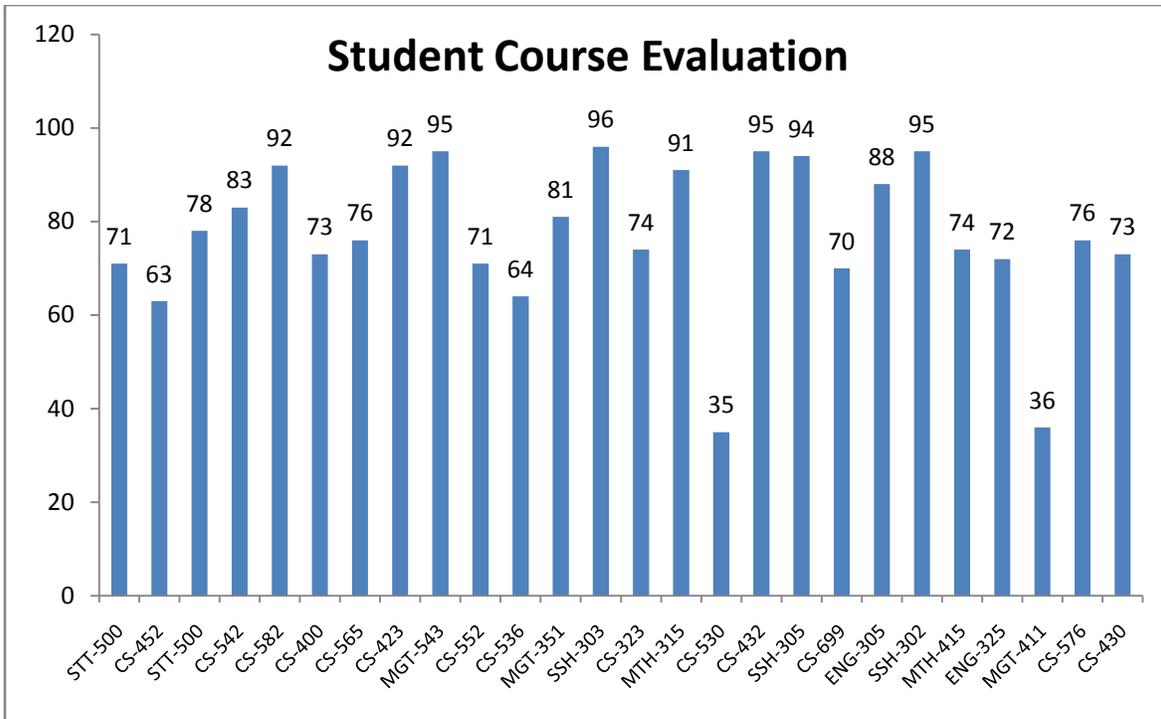
- Well prepared
- Punctual
- The instructor maintains an environment that is conducive to learning

### Weakness:

- No significant weakness was found.

## Student Course Evaluation

The results of course evaluations of BS (CS) degree program are also summarized. The teacher who taught CS-400 has scored 83%, the teacher for course CS-323 has scored 76%, the teacher for CS-301 has scored 80%, the teacher for CS-301 has scored 74%, the teacher for CS-552 has scored 77%, the teacher for CS-335 has scored 78%, the teacher for CS-335 has scored 78%, the teacher for CS-443 has scored 78%, the teacher who taught CS-335 has scored 80%, the teacher for course CS-577 has scored 79%, the teacher for CS-323 has scored 79%, the teacher for CS-582 has scored 76%, the teacher for CS-443 has scored 80%, the teacher for CS-552 has scored 76%, the teacher for CS-582 has scored 74%, the teacher for CS-542 has scored 77%, the teacher for CS-575 has scored 78%, the teacher who taught MGT-511 has scored 78%, the teacher for course CS-565 has scored 80%, the teacher for CS-323 has scored 79%, the teacher for CS-565 has scored 79%, the teacher for CS-335 has scored 76%, the teacher for CS-443 has scored 78%, the teacher for CS-335 has scored 79%, the teacher for CS-443 has scored 70%, the teacher for CS-452 has scored 74%, the teacher for CS-542 has scored 74%, the teacher who taught CS-452 has scored 72%, the teacher for course CS-542 has scored 84%, the teacher for CS-600 has scored 70%, the teacher for CS-323 has scored 75%, the teacher for CS-423 has scored 78%, the teacher for CS-699 has scored 72%, the teacher for CS-400 has scored 73%, the teacher for CS-400 has scored 83%, the teacher for CS-582 has scored 81%, the teacher for CS-421 has scored 70%, the teacher who taught MGT-520 has scored 73%, the teacher for course CS-582 has scored 70%, the teacher for CS-430 has scored 75%, the teacher for CS-575 has scored 76%, the teacher for CS-632 has scored 77%, the teacher for CS-400 has scored 78%, the teacher for CS-632 has scored 78%, the teacher for CS-400 has scored 76%, the teacher for CS-582 has scored 83%, the teacher for CS-552 has scored 77%, the teacher who taught CS-575 has scored 76%, the teacher for course CS-536 has scored 74%, the teacher for CS-432 has scored 75%, the teacher for CS-452 has scored 76%, the teacher for CS-543 has scored 79%, the teacher for CS-536 has scored 73%, the teacher for CS-423 has scored 79%, the teacher for CS-582 has scored 78%, the teacher for CS-432 has scored 77%, the teacher for CS-423 has scored 72%, and then teacher for CS-632 has scored 77%.



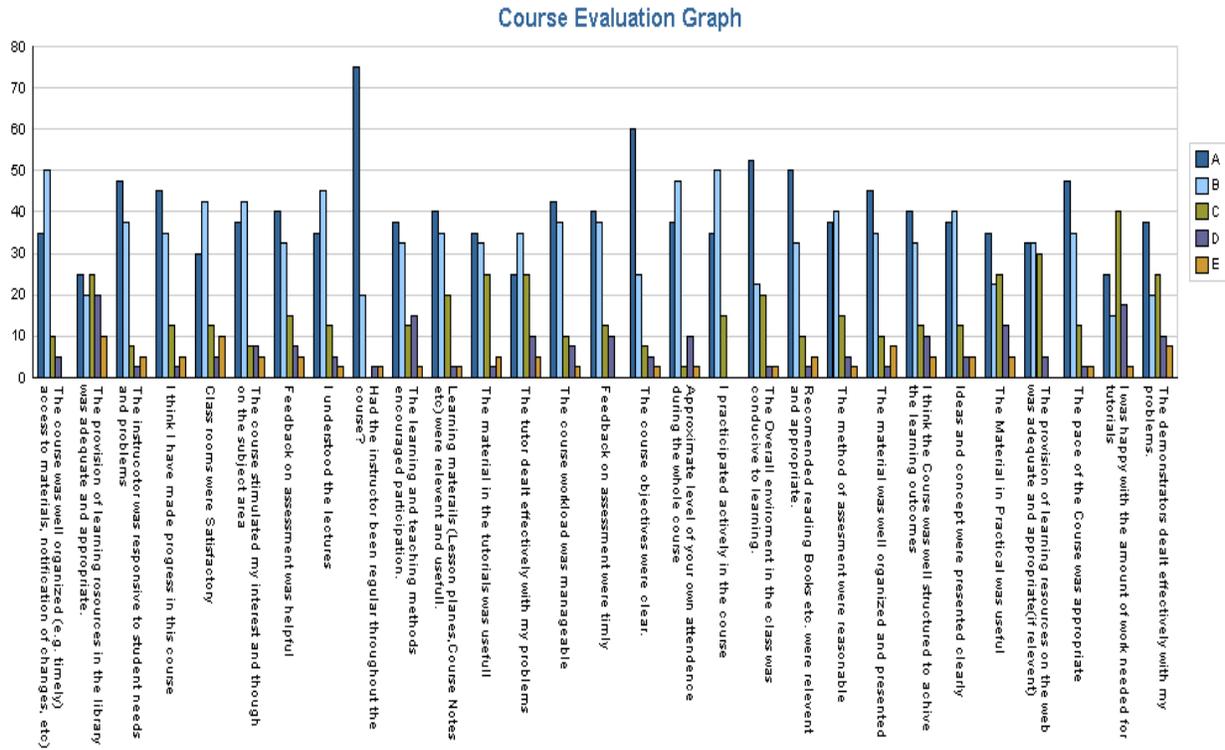
**Figure 2: Course Evaluation Graph**

Each course evaluation is presented graphically below.

**Mr. Nasir Minhas( STT 510)**

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, 60% strongly agreed, 25% agreed, 8% are uncertain, 5% disagreed and 3% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 42% strongly agreed, 37% agreed, 10% are uncertain, 8% 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, 40% strongly agreed, 34% agreed, 20 are uncertain, 3% disagreed and 3% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 35% strongly agreed, 50% agreed, 10% are uncertain, 5% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 38% strongly agreed, 43% agreed, 7% are uncertain, 7% disagreed and 5% strongly disagree. The graph “ Course was well structured

to achieve the learning outcomes” shows that 40% were strongly agreed, 33% agreed, 12% 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
- The course was well organized
- The course simulated students interests and thought on the subject

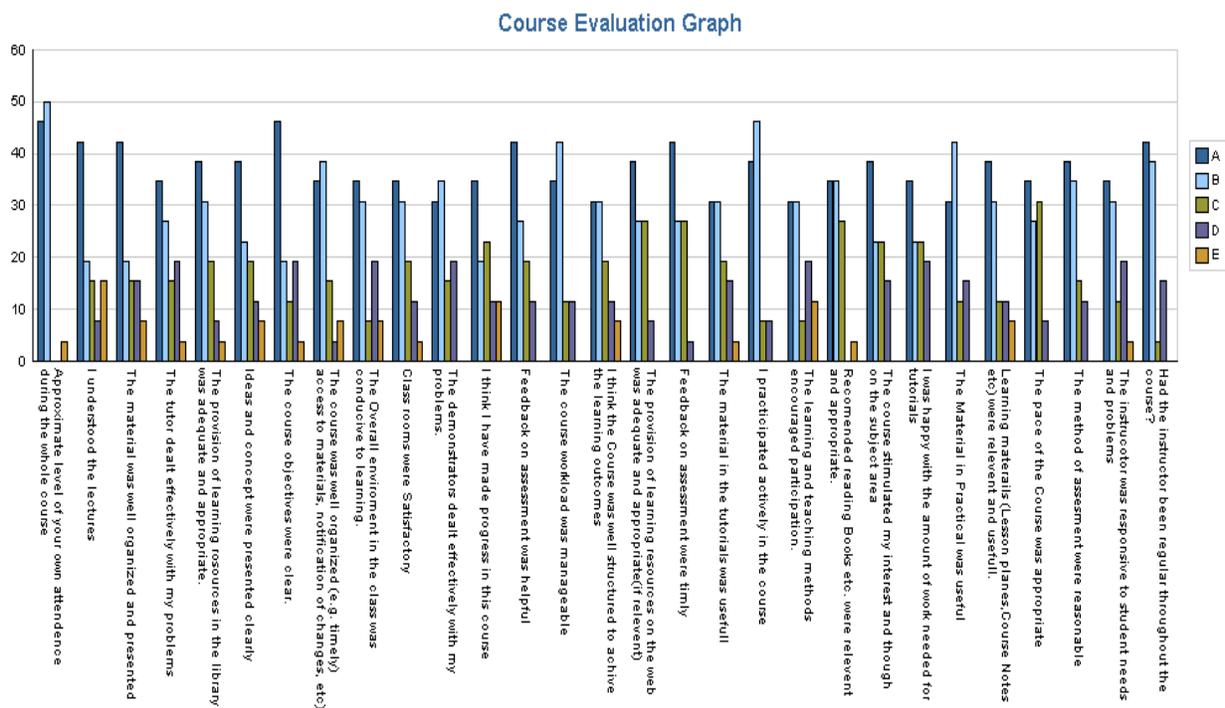
**Weaknesses:**

- No significant weakness was found

**Mr Yasir Hafeez (CS 452)**

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 47% strongly agreed, 18% agreed, 12% are uncertain, 19% disagreed and 4% strongly disagree. The teacher has managed the course workload very well. The graph “The

Course workload was manageable ” show this, 34% strongly agreed, 42% agreed, 12% are uncertain, 12% disagreed and 0% 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, 38% strongly agreed, 30% agreed, 12% are uncertain, 12% disagreed and 8% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 35% strongly agreed, 38% agreed, 15% are uncertain, 4% disagreed and 8% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 39% strongly agreed, 23% agreed, 23% are uncertain, 15% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 30% were strongly agreed, 30% agreed, 19% are uncertain, 12% disagreed and 9% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

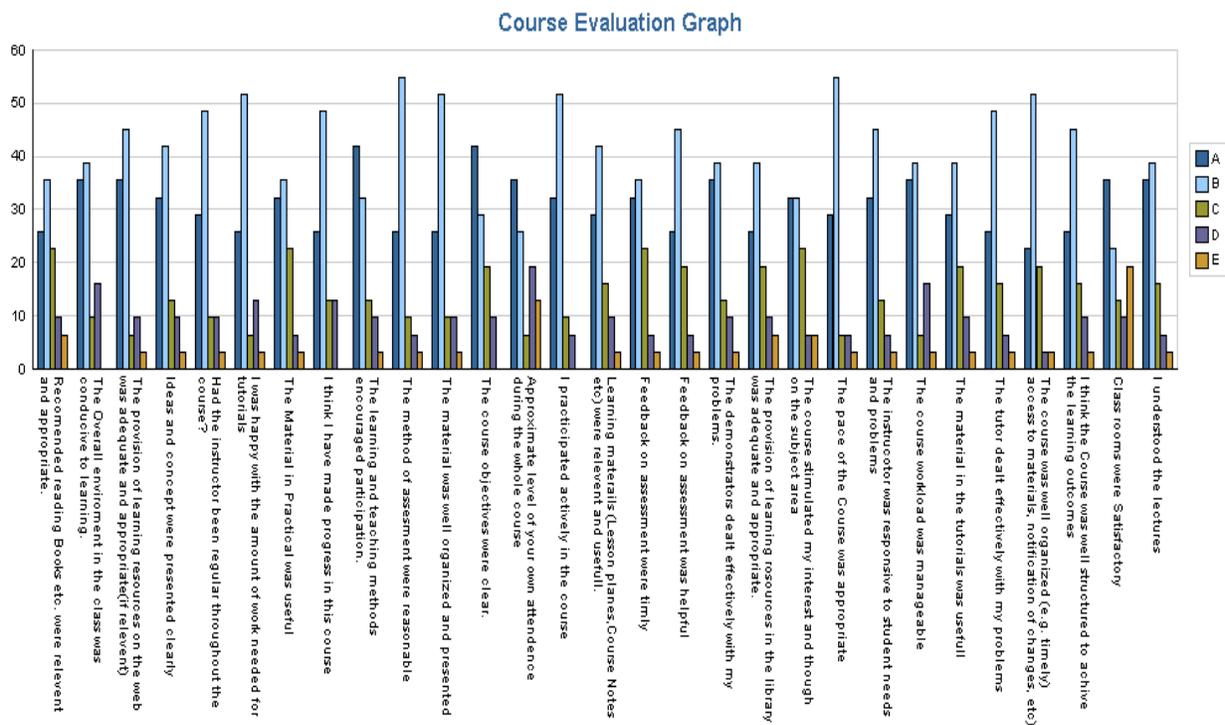
- The Course workload was manageable
- The course was well organized

**Weaknesses:**

- The course objective should be clear.
- The course need to be well structured to chieve the learning outcome.

**Mr Mushhad Gillani(STT 500)**

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 42% strongly agreed, 29% agreed, 19% are uncertain, 10% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 35% strongly agreed, 39% agreed, 6% are uncertain, 16% 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, 29% strongly agreed, 42% agreed, 16% are uncertain, 10% disagreed and 3% strongly disagree. The course was very well organized. This can bee seen in the graph “The course was well organized” , 23% strongly agreed, 52% agreed, 19% are uncertain, 3% disagreed and 3% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 32% strongly agreed, 32% agreed, 23% are uncertain, 6% disagreed and 6% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 26% were strongly agreed, 45% agreed, 16% are uncertain, 10% disagreed and 3% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

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

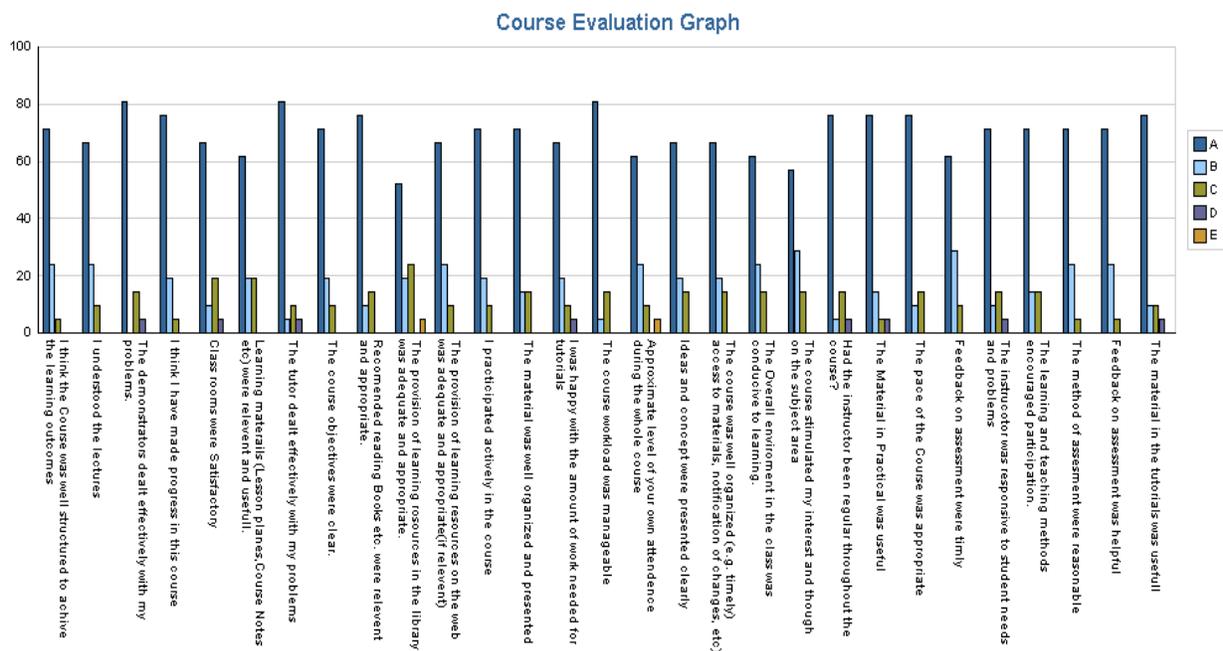
#### Weaknesses:

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

### Mr Saif-ur-Rehman (CS 542)

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, 71% strongly agreed, 19% agreed, 10% are uncertain, 0% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 81% strongly agreed, 5% agreed, 14% are uncertain, 0% disagreed and 0% 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, 60% strongly agreed, 20% agreed, 20% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can

bee seen in the graph “The course was well organized” , 67% strongly agreed, 19% agreed, 14% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 55% strongly agreed, 28% agreed, 17% are uncertain, 0% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 72% were strongly agreed, 23% agreed, 5% are uncertain, 0% disagreed and 0% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

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

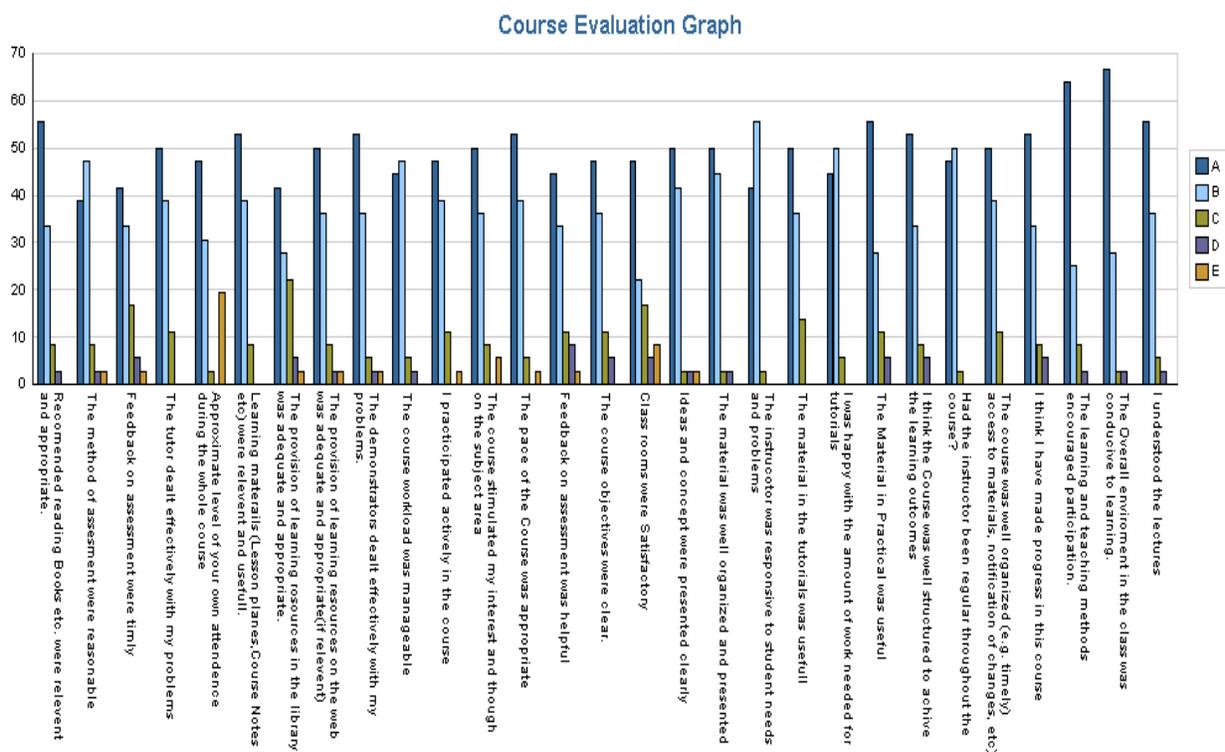
#### Weaknesses:

- More practical material should be added

### Mr Saleem Iqbal (CS 582)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 47% strongly agreed, 36% agreed, 11% are uncertain, 6% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The

Course workload was manageable ” show this, 44% strongly agreed, 47% agreed, 6% are uncertain, 3% disagreed and 0% 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, 53% strongly agreed, 39% agreed, 8% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 50% strongly agreed, 39% agreed, 11% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 50% strongly agreed, 36% agreed, 8% are uncertain, 0% disagreed and 6% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 53% were strongly agreed, 33% agreed, 8% are uncertain, 6% disagreed and 0% 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

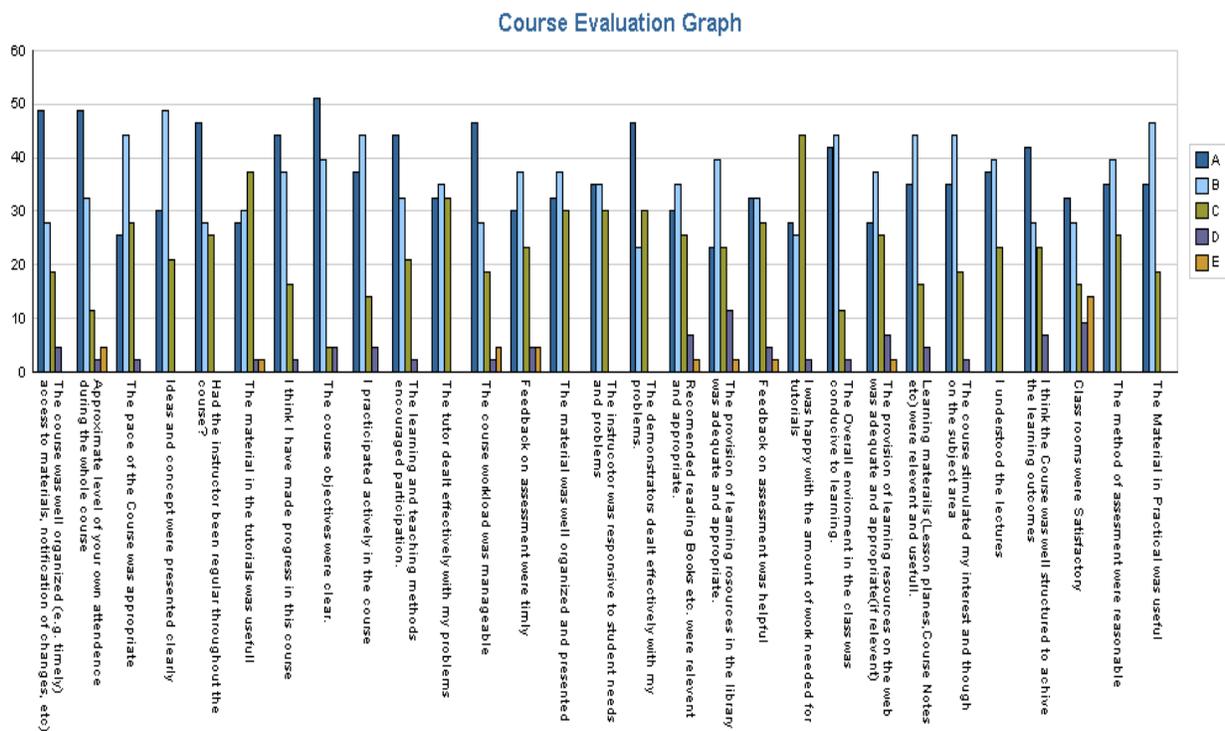
- The course was well organized
- The course simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

**Weaknesses:**

- No significant weakness was found

**Mr Saqib Majeed (CS 400)**

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, 50% strongly agreed, 40% agreed, 5% are uncertain, 5% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 46% strongly agreed, 28% agreed, 19% are uncertain, 2% disagreed and 5% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 35% strongly agreed, 44% agreed, 16% are uncertain, 5% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 49% strongly agreed, 28% agreed, 19% are uncertain, 4% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 35% strongly agreed, 44% agreed, 19% are uncertain, 2% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 42% were strongly agreed, 28% agreed, 23% are uncertain, 7% disagreed and 0% 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

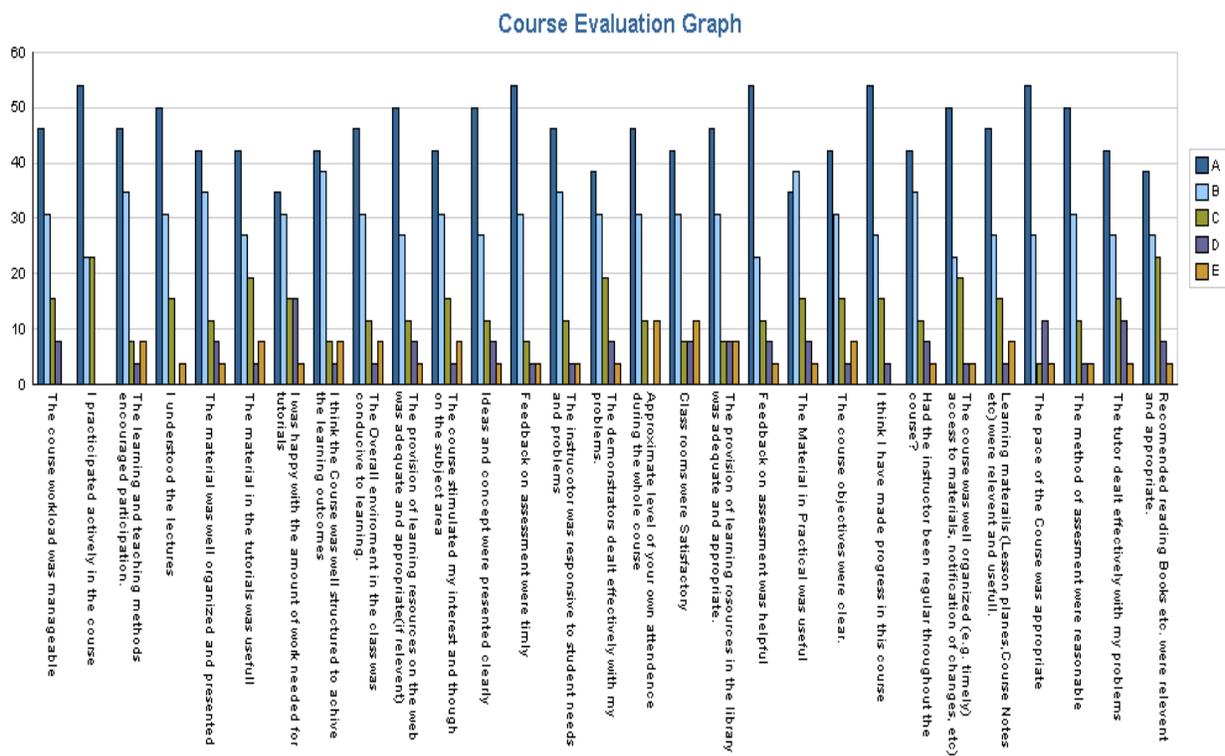
#### Weaknesses:

- No significant weakness was found

### Mr Shabbir Hassan (CS 565)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 42% strongly agreed, 31% agreed, 15% are uncertain, 4% disagreed and 8% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 46% strongly agreed, 31% agreed, 15% are uncertain, 8% disagreed and 0% 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, 46% strongly agreed, 27% agreed, 15% are uncertain, 4% disagreed and 8% strongly disagree. The course was very well organized. This can

bee seen in the graph “The course was well organized” , 50% strongly agreed, 23% agreed, 19% are uncertain, 4% disagreed and 4% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 42% strongly agreed, 31% agreed, 15% are uncertain, 4% disagreed and 8% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 42% were strongly agreed, 38% agreed, 8% are uncertain, 4% disagreed and 8% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

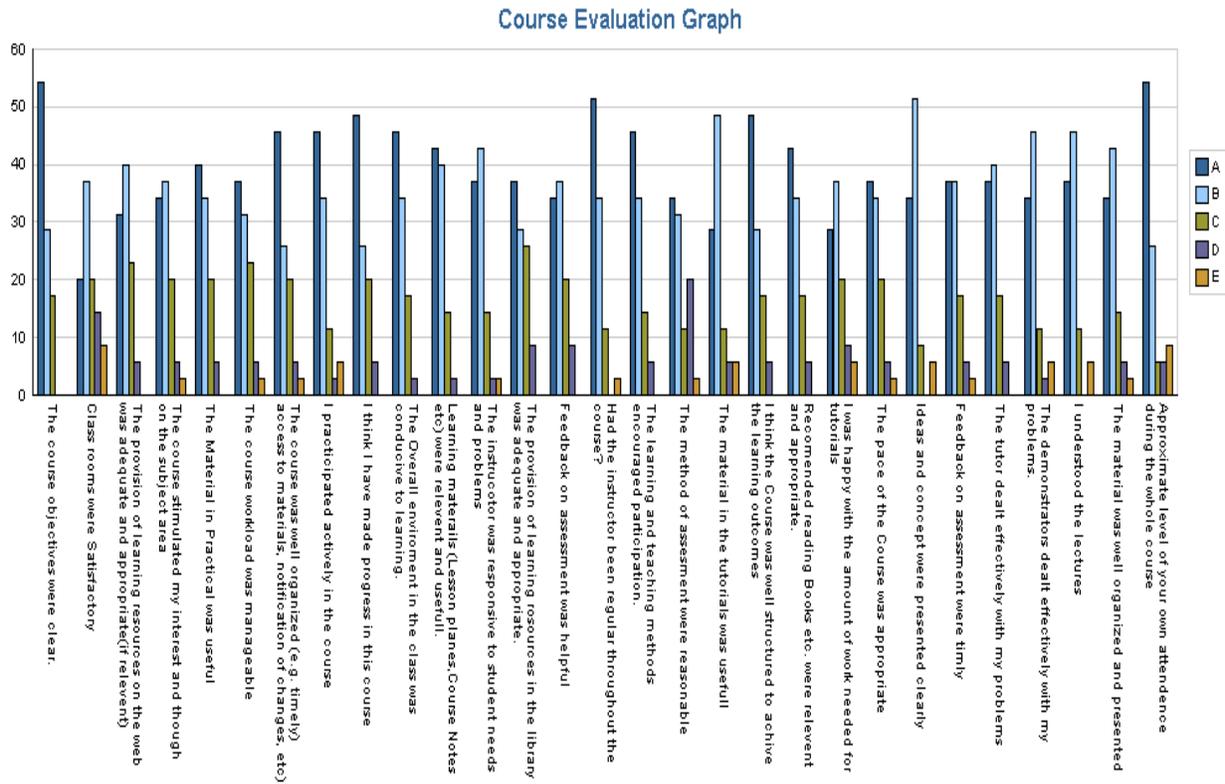
- Course was well structured to achieve the learning outcomes
- Clear Objectives
- The Course workload was manageable

#### Weaknesses:

- No significance weakness was found.

**Ms Aisha Umair (CS 423)**

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, 55% strongly agreed, 28% agreed, 17% are uncertain, 0% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 37% strongly agreed, 31% agreed, 23% are uncertain, 6% 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, 43% strongly agreed, 40% agreed, 14% are uncertain, 3% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 46% strongly agreed, 26% agreed, 20% are uncertain, 5% disagreed and 3% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 34% strongly agreed, 37% agreed, 20% are uncertain, 6% disagreed and 3% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 49% were strongly agreed, 29% agreed, 17% are uncertain, 5% 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

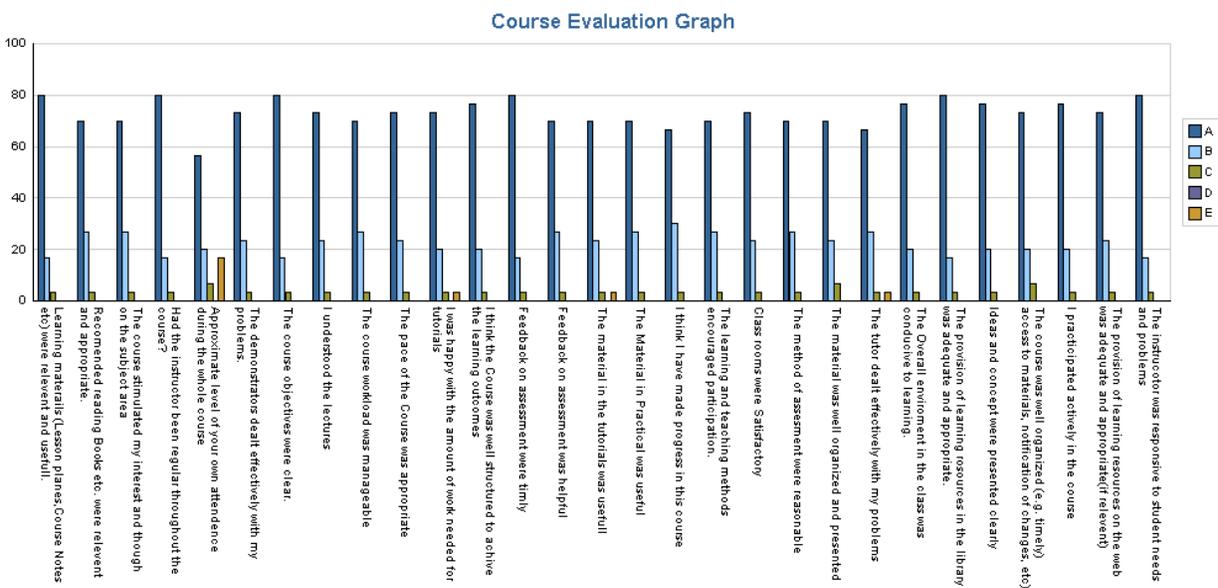
#### Weaknesses:

- No significant weakness found.

### Ms Bushra Hamid (MGT 543)

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, 80% strongly agreed, 18% agreed, 2% are uncertain, 0% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 70% strongly agreed, 27% agreed, 3% are uncertain, 0% disagreed and 0% strongly disagree. The instructor recommended relevant and

appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 80% strongly agreed, 18% agreed, 2% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 76% strongly agreed, 20% agreed, 4% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 70% strongly agreed, 27% agreed, 3% are uncertain, 0% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 77% were strongly agreed, 20% agreed, 3% are uncertain, 0% disagreed and 0% strongly disagree.



## General Comments of the Students about the Teacher

### Strengths:

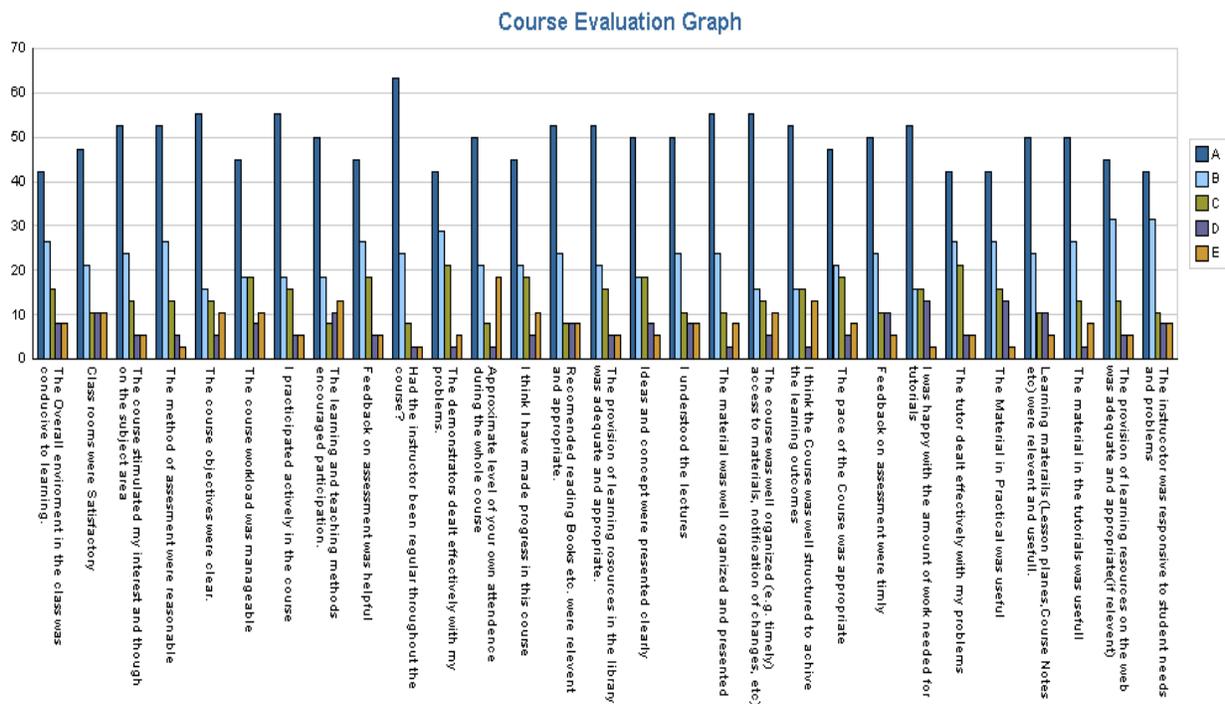
- Course objectives are clear.
- Learning materials (lesson plans, course notes etc.) were relevant and useful
- Course was well structured to achieve the learning outcomes
- The Course workload was manageable

**Weakness:**

- No significance weakness was found.

**Ms Sarfaraz Bibi (CS 552)**

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, 55% strongly agreed, 14% agreed, 11% are uncertain, 5% disagreed and 10% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 45% strongly agreed, 18% agreed, 18% are uncertain, 9% 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, 50% strongly agreed, 24% agreed, 10% are uncertain, 10% disagreed and 6% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized”, 55% strongly agreed, 13% agreed, 12% are uncertain, 5% disagreed and 10% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 52% strongly agreed, 23% agreed, 13% are uncertain, 6% disagreed and 6% strongly disagree. The graph “Course was well structured to achieve the learning outcomes” shows that 52% were strongly agreed, 16% agreed, 16% are uncertain, 2% disagreed and 12% strongly disagree.



**General Comments by Students about this course:**

**Strengths :**

- Learning materials (lesson plans, course notes etc.) were relevant and useful
- Clear Objectives
- Well organized material

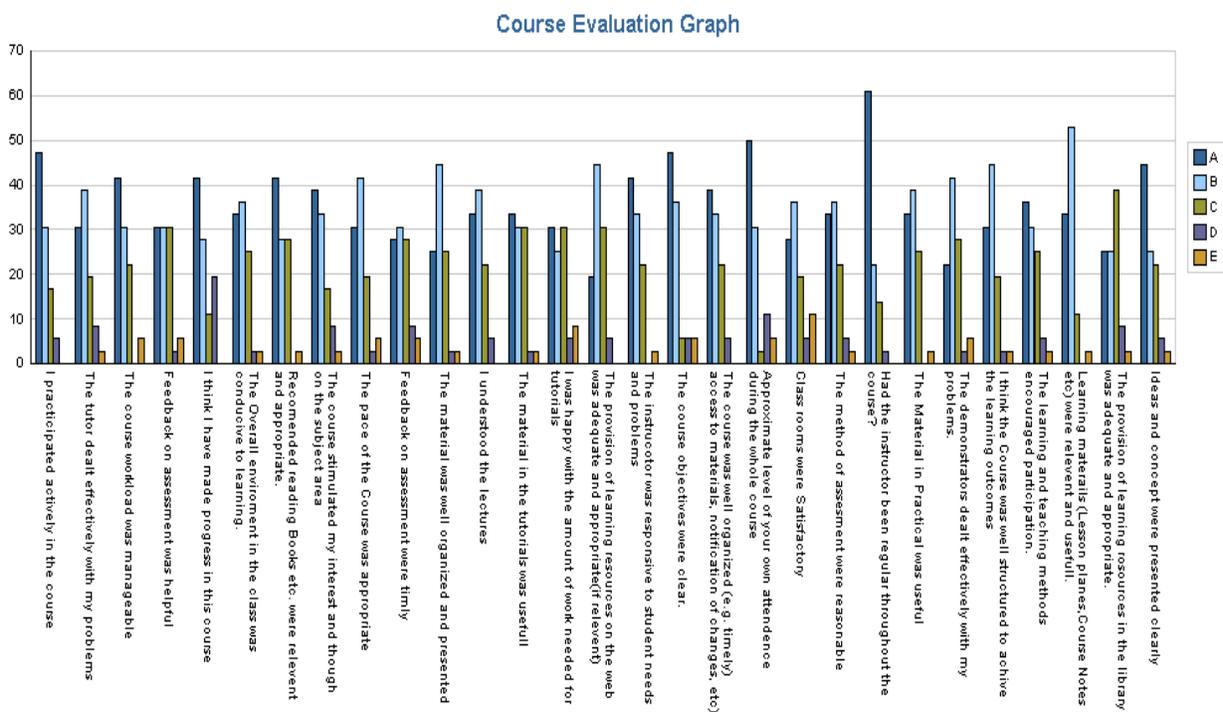
**Weaknesses:**

- Over Course workload

**Ms. Hajra Murtaza (CS 536)**

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 57% strongly agreed, 34% agreed, 3% are uncertain, 3% disagreed and 3% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 42% strongly agreed, 30% agreed, 21% are uncertain, 0% disagreed and 7% 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, 33% strongly agreed, 53% agreed, 10% are uncertain, 0% disagreed and 4% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 39% strongly agreed, 35% agreed, 21% are uncertain, 5% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 39% strongly agreed, 33% agreed, 17% are uncertain, 9% disagreed and 2% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 30% were strongly agreed, 45% agreed, 19% are uncertain, 3% disagreed and 3% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

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

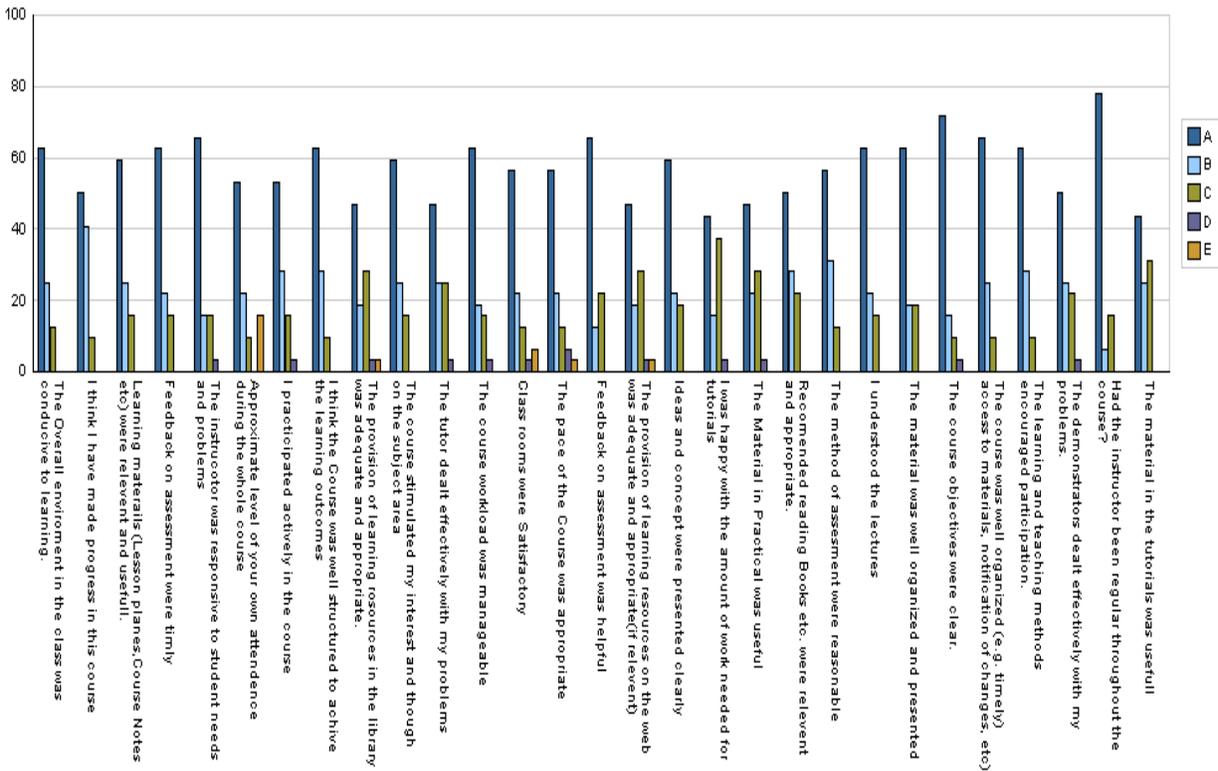
**Weaknesses:**

- No significance weakness was found

**Mr. Hina Gul (MGT 351)**

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, 67% strongly agreed, 16% agreed, 10% are uncertain, 9% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 62% strongly agreed, 19% agreed, 17% are uncertain, 2% disagreed and 0% 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, 60% strongly agreed, 25% agreed, 15% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 65% strongly agreed, 24% agreed, 11% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 60% strongly agreed, 24% agreed, 16% are uncertain, 0% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 62% were strongly agreed, 28% agreed, 10% are uncertain, 0% disagreed and 0% strongly disagree.

Course Evaluation Graph



### General Comments by Students about this course:

#### Strengths :

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

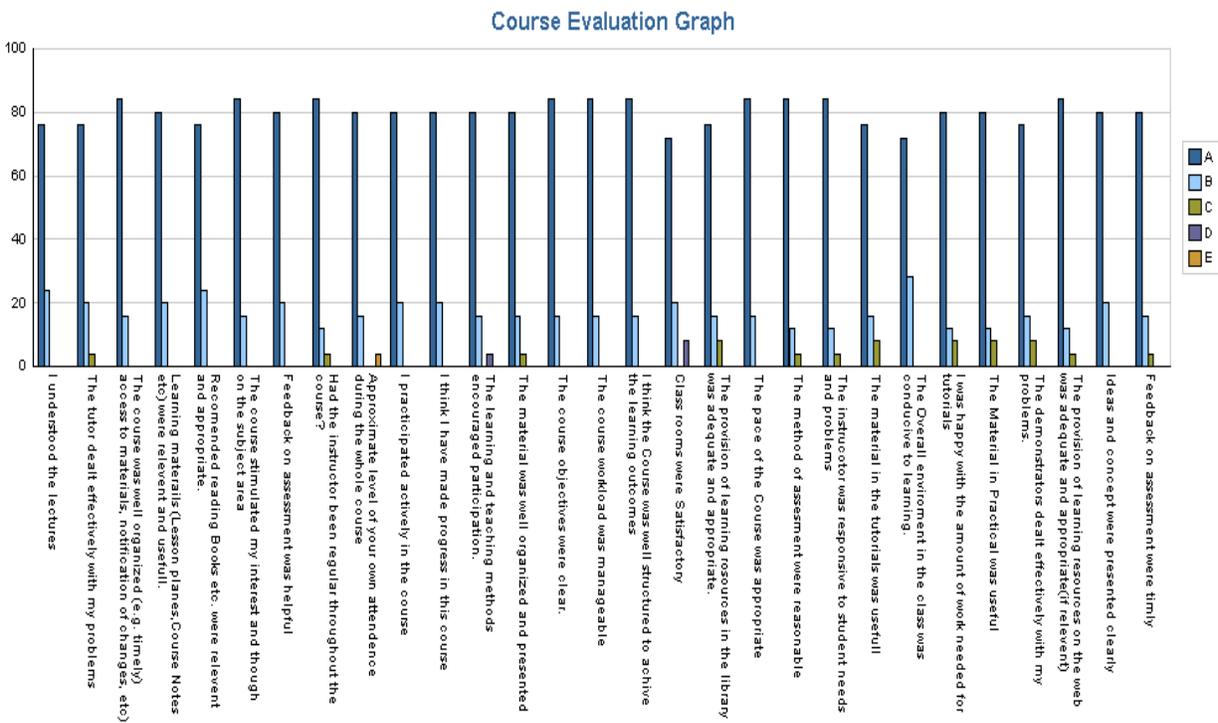
#### Weaknesses:

- No significance weakness was found

### Mr. Asif Nawaz (SSH 303)

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, 84% strongly agreed, 16% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The

Course workload was manageable ” show this, 83% strongly agreed, 17% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 80% strongly agreed, 20% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 83% strongly agreed, 17% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 83% strongly agreed, 17% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 83% were strongly agreed, 17% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree.



## **General Comments by Students about this course:**

### **Strengths :**

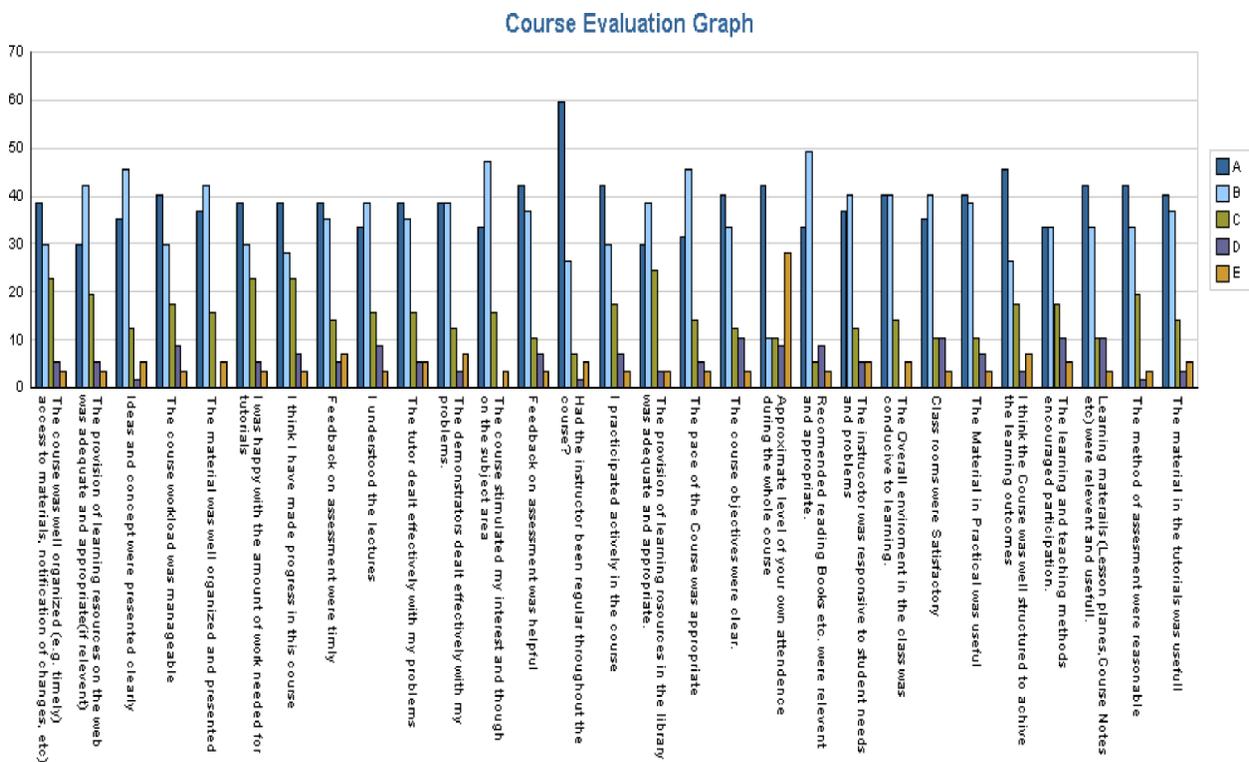
- Course objectives are clear.
- Learning materials (lesson plans, course notes etc.) were relevant and useful
- Course was well structured to achieve the learning outcomes
- The Course workload was manageable
- The course simulated students interests and thought on the subject
- Course was well structured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

### **Weaknesses:**

- No significance weakness was found

### **Mr. Tariq Ali (CS-323)**

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 40% strongly agreed, 34% agreed, 12% are uncertain, 10% disagreed and 4% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 40% strongly agreed, 30% agreed, 17% are uncertain, 9% disagreed and 4% 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, 33% agreed, 10% are uncertain, 10% disagreed and 5% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 39% strongly agreed, 30% agreed, 23% are uncertain, 5% disagreed and 3% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 34% strongly agreed, 47% agreed, 15% are uncertain, 0% disagreed and 4% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 46% were strongly agreed, 26% agreed, 17% are uncertain, 4% disagreed and 7% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

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

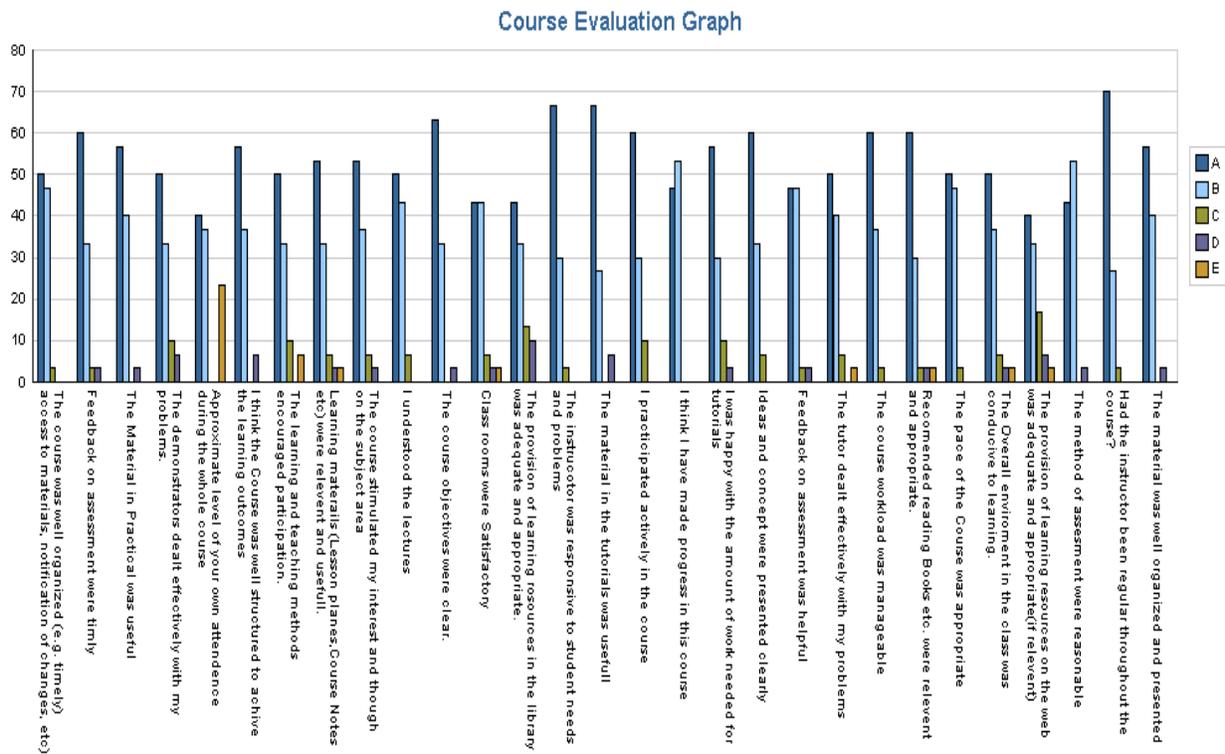
#### Weaknesses:

- No significance weakness was found

### Mr. Ehtesham (MTH 315)

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, 63% strongly agreed, 33% agreed, 0% are uncertain, 4% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 60% strongly agreed, 37% agreed, 3% are uncertain, 0% disagreed and 0% 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, 52% strongly agreed, 34% agreed, 8% are

uncertain, 3% disagreed and 3% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 50% strongly agreed, 47% agreed, 3% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 52% strongly agreed, 38% agreed, 6% are uncertain, 4% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 57% were strongly agreed, 36% agreed, 0% are uncertain, 7% 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
- The course simulated students interests and thought on the subject

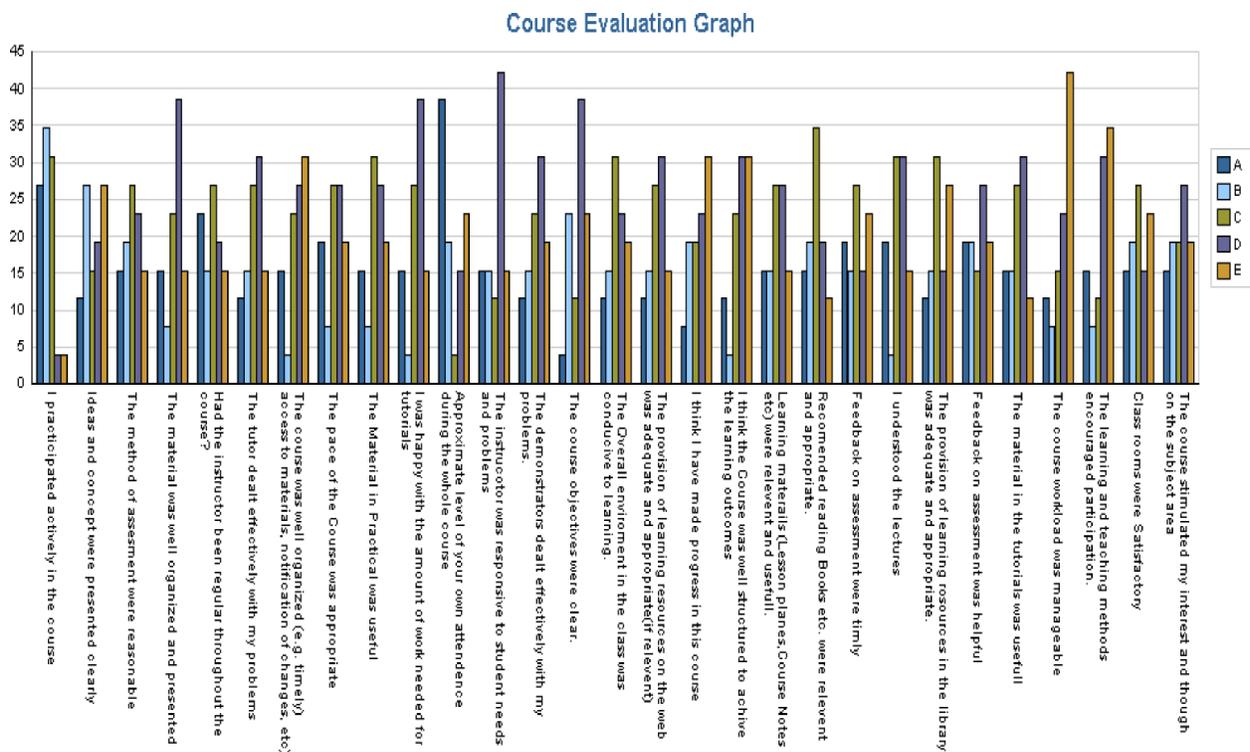
- Course was well structured to achieve the learning outcomes

**Weaknesses:**

- No significance weakness was found

**Mr. Muhammad Jaffer (CS 530)**

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 4% strongly agreed, 22% agreed, 13% are uncertain, 37% disagreed and 24% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 12% strongly agreed, 7% agreed, 20% are uncertain, 28% disagreed and 43% 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, 15% strongly agreed, 15% agreed, 27% are uncertain, 27% disagreed and 15% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” ,15% strongly agreed, 4% agreed, 23% are uncertain, 27% disagreed and 31% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 15% strongly agreed, 19% agreed, 19% are uncertain, 28% disagreed and 19% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 12% were strongly agreed, 4% agreed, 22% are uncertain,31% disagreed and 31% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

- Active participation

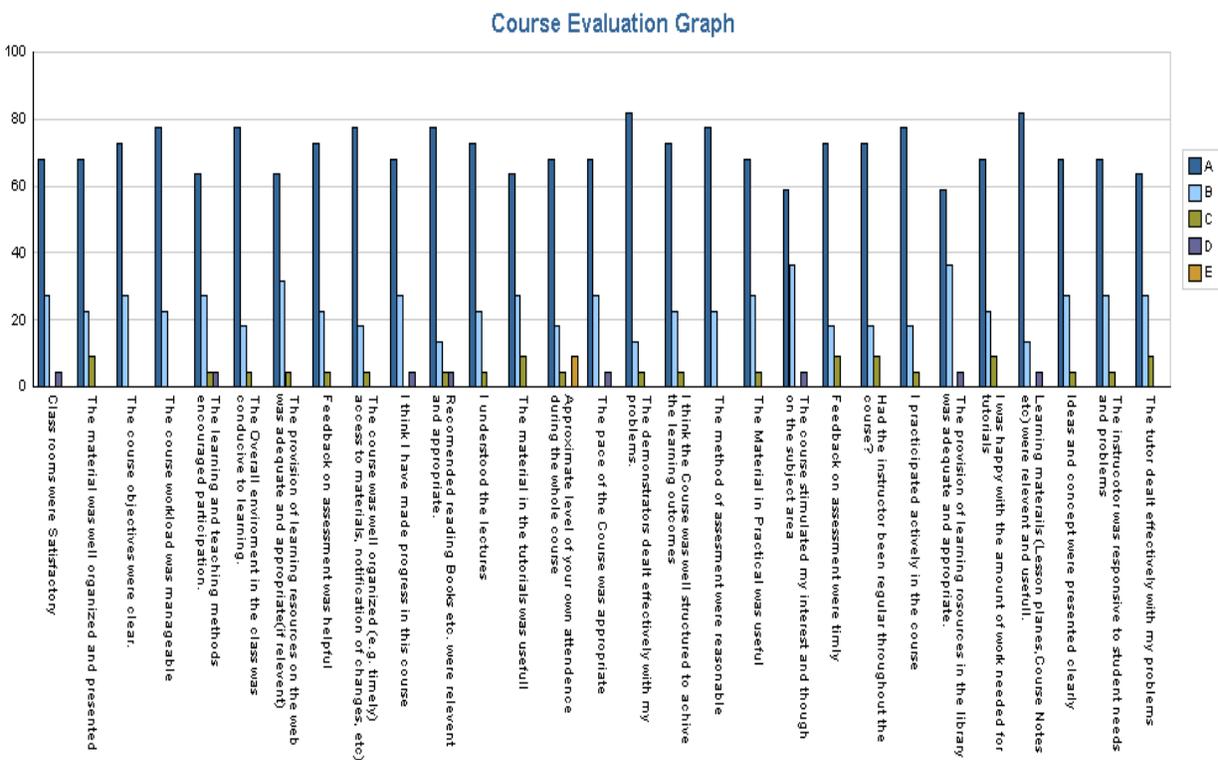
#### Weaknesses:

- 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

### Mr. Iftikhar (CS 432)

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, 74% strongly agreed, 26% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 78% strongly agreed, 22% agreed, 0% are uncertain, 0% disagreed and 0% 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, 81% strongly agreed, 14% agreed, 0% are uncertain,5% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 78% strongly agreed, 18% agreed, 4% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 59% strongly agreed, 36% agreed, 0% are uncertain, 10% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 74% were strongly agreed, 22% agreed, 4% are uncertain, 0% 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
- The course simulated students interests and thought on the subject

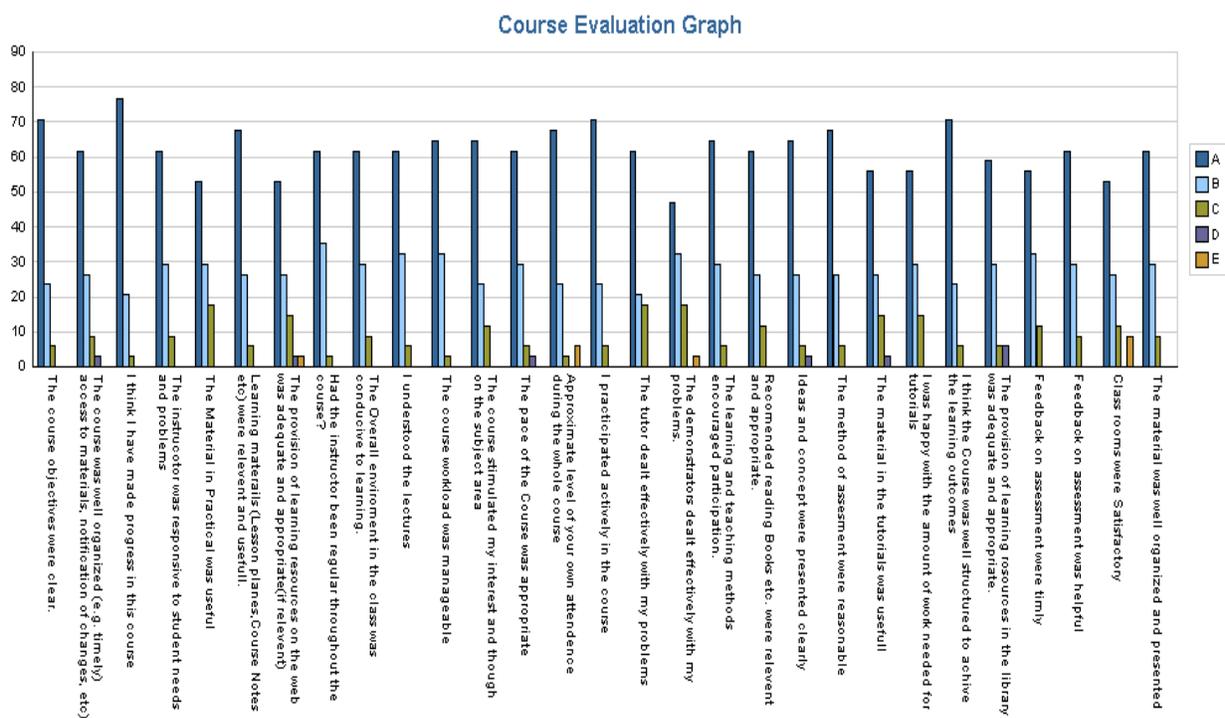
- Course was well structured to achieve the learning outcomes

**Weaknesses:**

- No significance weakness was found

**Mr. Khurram Shehzad (SSH 305)**

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, 70% strongly agreed, 23% agreed, 7% are uncertain, 0% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 63% strongly agreed, 31% agreed, 6% are uncertain, 0% disagreed and 0% 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, 68% strongly agreed, 27% agreed, 5% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 61% strongly agreed, 27% agreed, 5% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 64% strongly agreed, 23% agreed, 13% are uncertain, 0% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 70% were strongly agreed, 23% agreed, 7% are uncertain, 0% 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
- The course simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

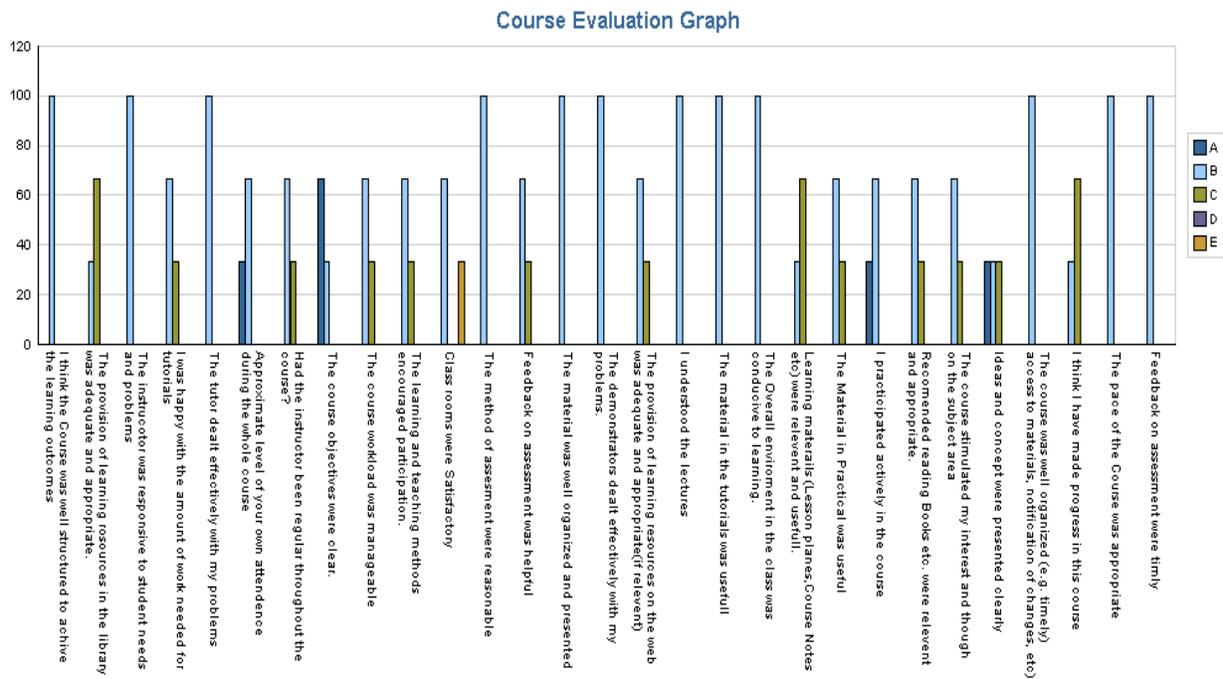
#### Weaknesses:

- No significance weakness was found

### Mr. Mehtab Alam (CS 699)

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, 65% strongly agreed, 35% agreed, 0% are uncertain, 0% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The

Course workload was manageable ” show this, 0% strongly agreed, 65% agreed, 35% are uncertain, 0% disagreed and 0% 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, 0% strongly agreed, 33% agreed, 67% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 0% strongly agreed, 100% agreed,0% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 0% strongly agreed, 64% agreed, 26% are uncertain, 0% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 55% were strongly agreed, 0% agreed, 100 are uncertain, 0% disagreed and 0% strongly disagree.



## **General Comments by Students about this course:**

### **Strengths :**

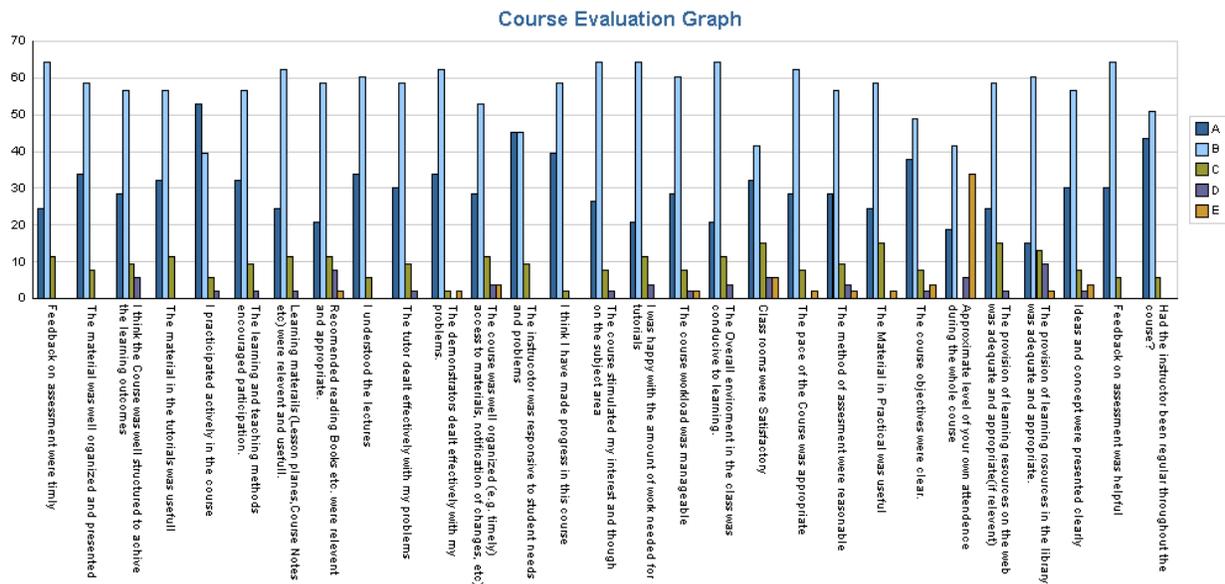
- The course was very well organized
- Clear Objectives
- Course was well structured to achieve the learning outcomes
- Well organized material

### **Weaknesses:**

- The provision of learning resources was unsatisfactory

### **Ms. Sadia Naseem (ENG 305)**

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, 59% strongly agreed, 29% agreed, 4% are uncertain, 4% disagreed and 4% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 54% strongly agreed, 29% agreed, 11% are uncertain, 6% disagreed and 0% 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, 50% strongly agreed, 32% agreed, 18% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 58% strongly agreed, 20% agreed, 12% are uncertain, 5% disagreed and 5% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 46% strongly agreed, 38% agreed, 16% are uncertain, 0% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 54% were strongly agreed, 32% agreed, 8% are uncertain, 6% disagreed and 0% strongly disagree.



## General Comments by Students about this course:

### Strengths :

- Course objectives are clear.
- Course was well structured to achieve the learning outcomes
- The Course workload was manageable
- The course simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

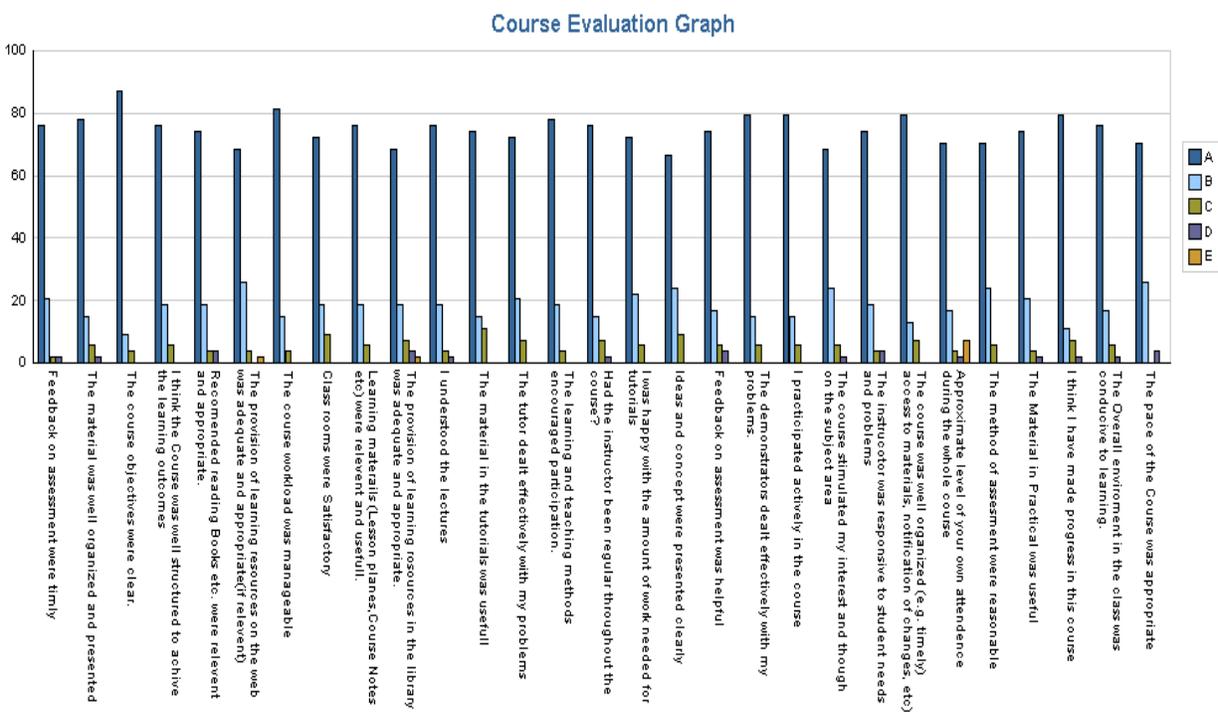
### Weaknesses:

- No significance weakness was found

### Ms Shazia Naseem(SSH 302)

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, 86% strongly agreed, 8% agreed, 6% are uncertain, 0% 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, 15% agreed, 5% are uncertain, 0% disagreed and 0% 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, 76% strongly agreed, 19% agreed, 5% are uncertain, 0% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 80% strongly agreed, 14% agreed, 6% are uncertain, 0% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 70% strongly agreed, 24% agreed, 5% are uncertain, 1% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 76% were strongly agreed, 18% agreed, 6% are uncertain, 0% 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

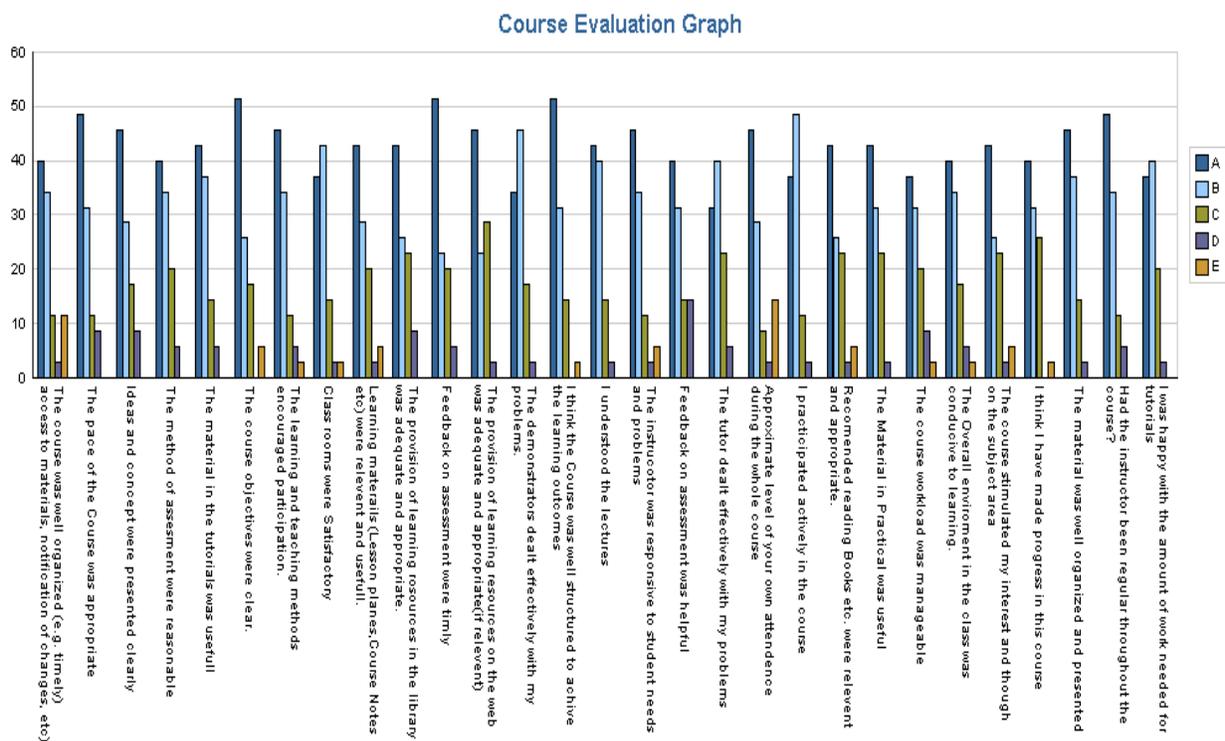
- The Course workload was manageable
- The course simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

**Weaknesses:**

- No significance weakness was found

**Mr Tufail Hussain(MTH 415)**

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, 51% strongly agreed, 26% agreed, 18% are uncertain, 0% disagreed and 5% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 37% strongly agreed, 31% agreed, 20% are uncertain, 8% disagreed and 4% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 43% strongly agreed, 28% agreed, 20% are uncertain, 3% disagreed and 2% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 40% strongly agreed, 35% agreed, 11% are uncertain, 3% disagreed and 11% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 43% strongly agreed, 25% agreed, 23% are uncertain, 4% disagreed and 5% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 52% were strongly agreed, 31% agreed, 13% are uncertain, 0% disagreed and 4% 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 simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

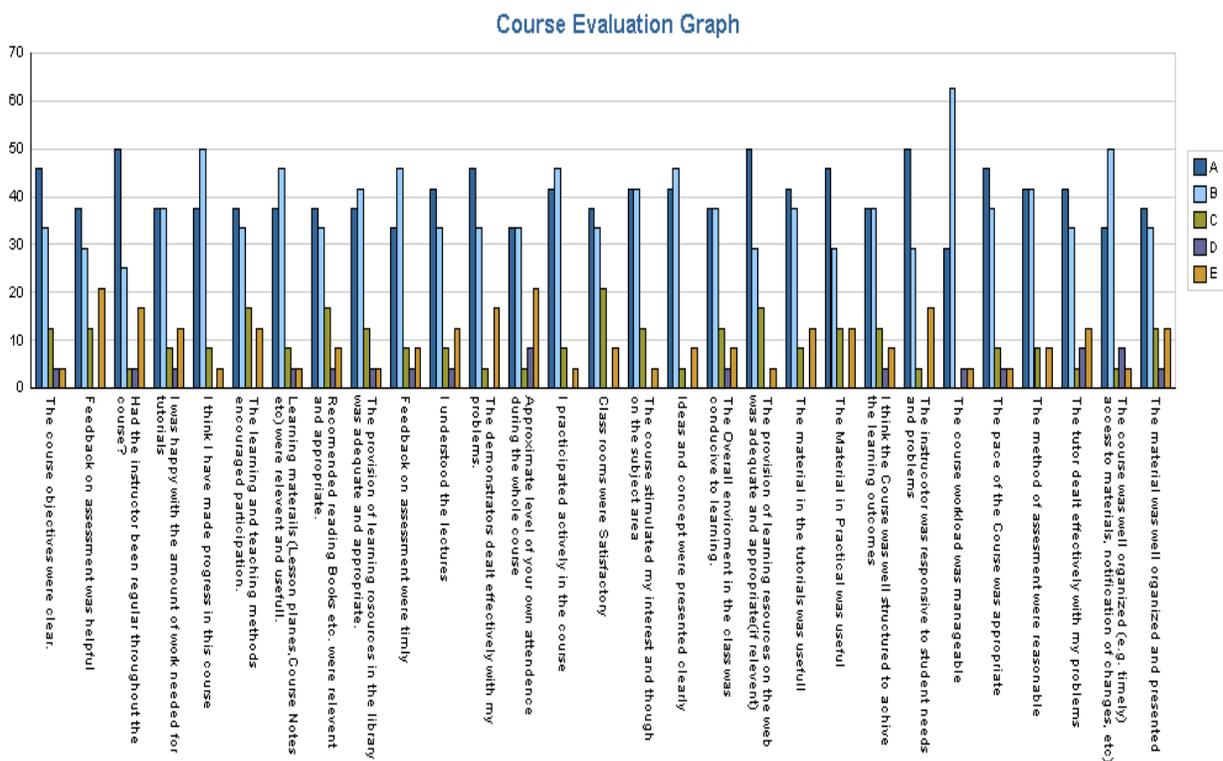
#### Weaknesses:

- Attendance unsatisfactory

### Ms Zainab Kalsoom(ENG 325)

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, 46% strongly agreed, 32% agreed, 12% are uncertain, 5% disagreed and 5% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 28% strongly agreed, 62% agreed, 0% are uncertain, 5% disagreed and 5% strongly disagree. The instructor recommended relevant and

appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 38% strongly agreed, 46% agreed, 8% are uncertain, 4% disagreed and 4% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized”, 34% strongly agreed, 50% agreed, 4% are uncertain, 8% disagreed and 4% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 42% strongly agreed, 42% agreed, 12% are uncertain, 0% disagreed and 4% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 38% were strongly agreed, 38% agreed, 12% are uncertain, 4% disagreed and 8% 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

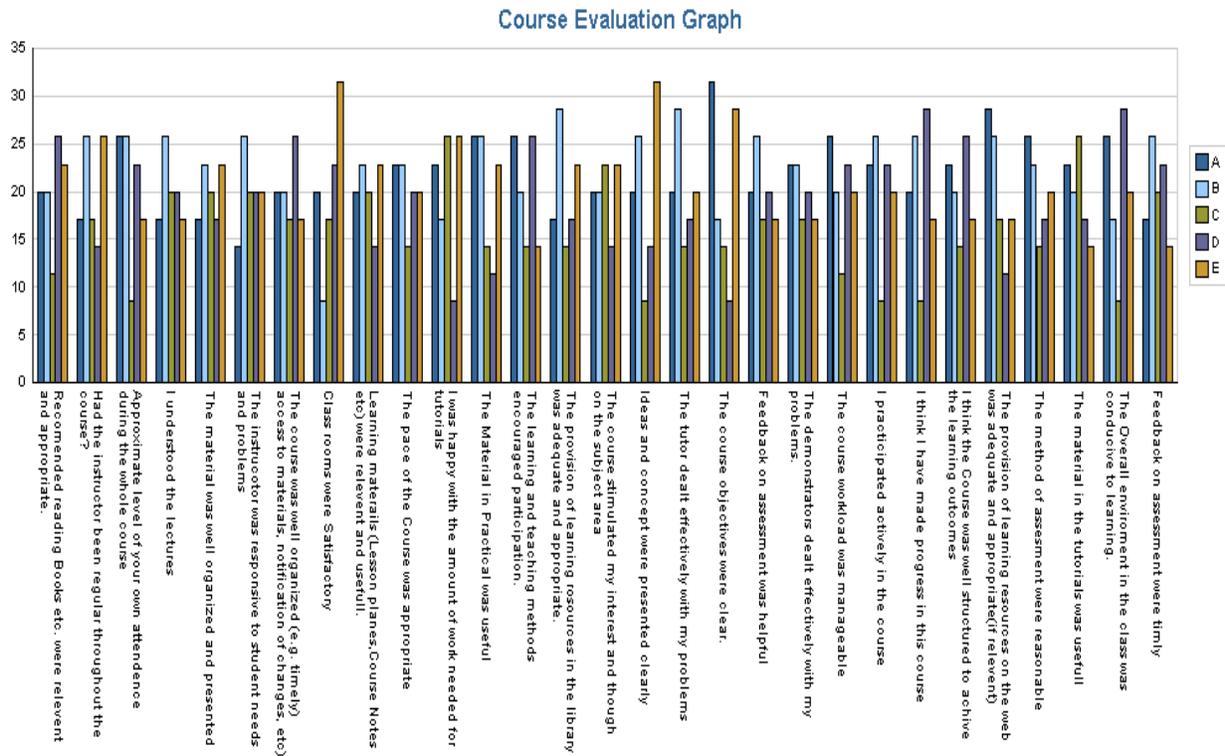
- Course was well structured to achieve the learning outcomes
- The course simulated students interests and thought on the subject
- Well organized material

**Weaknesses:**

- Feedback need to be helpful
- Unsatisfactory attendance

**Ms Sahira Mushtaq(MGT 411)**

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, 32% strongly agreed, 17% agreed, 14% are uncertain, 8% disagreed and 29% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 26% strongly agreed, 20% agreed, 13% are uncertain, 23% disagreed and 20% 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, 20% strongly agreed, 23% agreed, 20% are uncertain, 14% disagreed and 23% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 20% strongly agreed, 20% agreed, 17% are uncertain, 26% disagreed and 17% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 20% strongly agreed, 20% agreed, 23% are uncertain, 14% disagreed and 23% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 23% were strongly agreed, 20% agreed, 14% are uncertain, 26% disagreed and 17% strongly disagree.



**General Comments by Students about this course:**

**Strengths :**

- No strength found

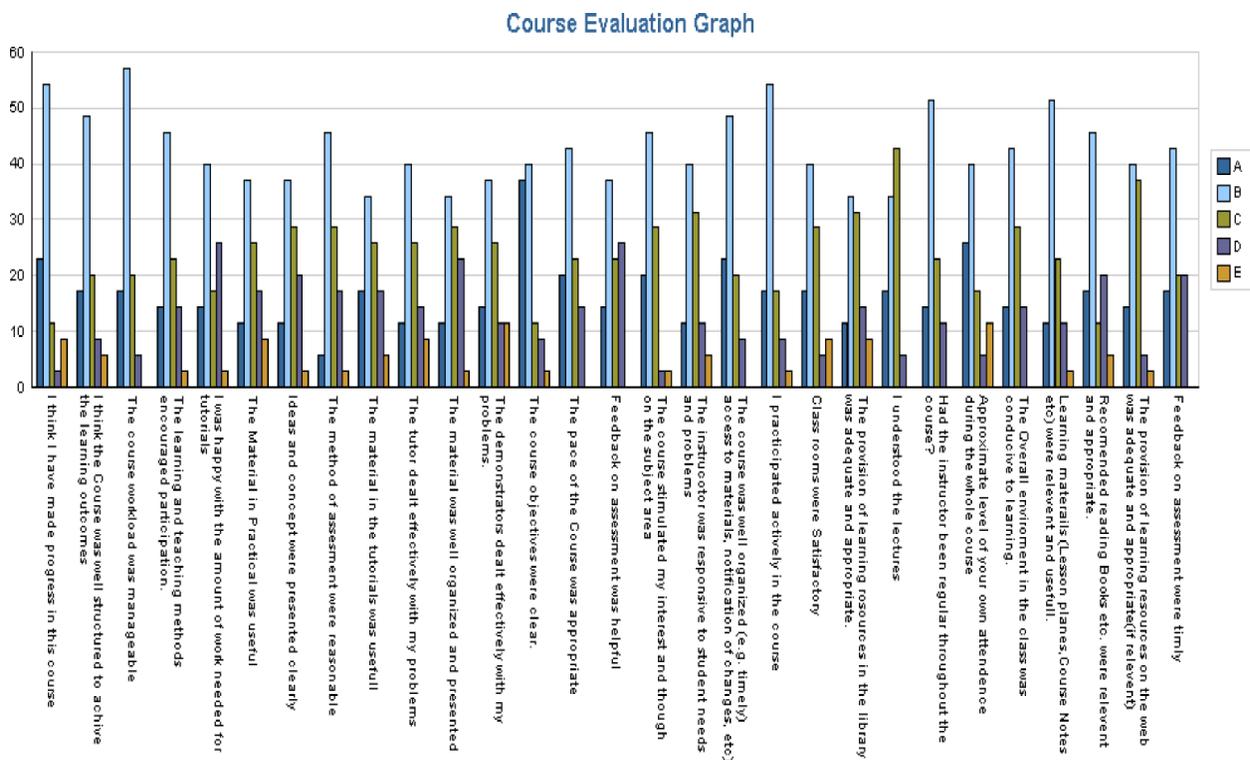
**Weaknesses:**

- 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

**Mr Rahat Ali(CS 576)**

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, 38% strongly agreed, 40% agreed, 11% are uncertain, 9% disagreed and 2% strongly disagree. The teacher has managed the course workload very well. The graph “The

Course workload was manageable ” show this, 17% strongly agreed, 57% agreed, 20% are uncertain, 6% disagreed and 0% 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, 12% strongly agreed, 52% agreed, 23% are uncertain, 11% disagreed and 13% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 23% strongly agreed, 49% agreed, 20% are uncertain, 3% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 20% strongly agreed, 47% agreed, 29% are uncertain, 2% disagreed and 2% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 17% were strongly agreed, 49% agreed, 20% are uncertain, 8% disagreed and 6% strongly disagree.



## **General Comments by Students about this course:**

### **Strengths :**

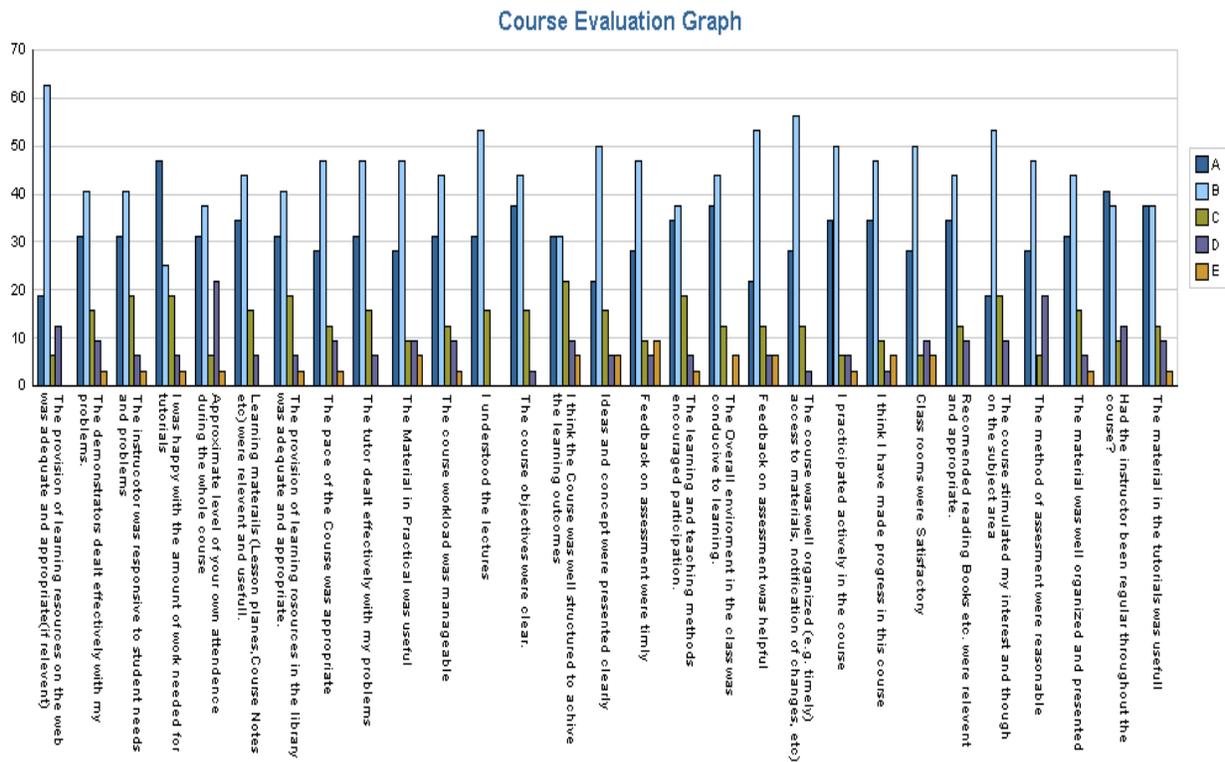
- Understanding of the course
- Clear Objectives
- Well organized material

### **Weaknesses:**

- Learning material needs to be relevant

### **Ms Mehwish Arif(CS 430)**

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, 38% strongly agreed, 44% agreed, 16% are uncertain, 2% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 31% strongly agreed, 44% agreed, 12% are uncertain, 9% disagreed and 4% 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, 34% strongly agreed, 44% agreed, 16% are uncertain, 6% disagreed and 0% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” ,28% strongly agreed, 57% agreed, 12% are uncertain, 3% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 19% strongly agreed, 53% agreed, 19% are uncertain, 9% disagreed and 0% strongly disagree. The graph “ Course was well structured to achieve the learning outcomes” shows that 31% were strongly agreed, 31% agreed, 22% are uncertain, 9% disagreed and 7% strongly disagree.



### General Comments by Students about this course:

#### Strengths :

- Course objectives are clear.
- Course was well structured to achieve the learning outcomes
- The Course workload was manageable
- The course simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

#### Weaknesses:

- No significance weakness was found

## Survey of Graduating Students

A survey is conducted for the students of last semester and feedback is collected on Performa 3. The results are summarized. A set of questions is present in the Performa 3. The graph from the summarized results shows that 41% students are very satisfied from the program, 33% are satisfied, 11% are uncertain, 10% are dissatisfied and 5% are very dissatisfied.

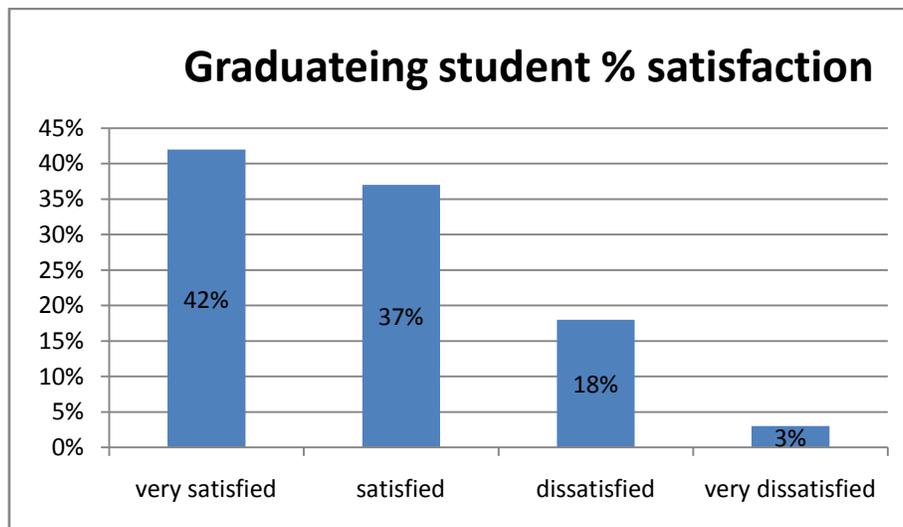


Figure 3: Survey of Graduating Students

### Best Aspects of the Program:

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

### Weaknesses:

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

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

**Strengths of Program/Institute**

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

**Weakness of Program/Institute**

The weaknesses in the program are, there should be less independence on the visiting faculty. Although the institute has hired new faculty but still it is less according to the requirements. There should be some sitting place on the campus in extreme summer weather.

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

As the BS CS program is not a research oriented program, but at MS levels, students along with the faculty have published their research papers in the leading research Conferences and Journals. The detail is present in the faculty resume. At BS CS 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.

**Community Service provided by the institutes:**

Although right now there is no such mechanism to provide technical support to the local community but UIIT faculty was actively involved in establishing the lab in schools in remote areas under the Chief Minister Punjab program.

The institute has a plan to establish a wing which will provide support to different organization which is helping local community free of cost.

**Table 3 Performance measures for research activities**

<b>Faculty</b>	<b>Publications in Journals</b>	<b>Publications in proceedings/abstracts</b>	<b>Research Projects</b>
Dr. Sohail Asghar	9	20	4
Ms. Aisha Umair	-	-	-
Mr. Syed Mushadd Gillani	-	6	-
Ms. Bushra Hamid	-	3	-
Mr. Yasir Hafeez	2	9	-
Mr. Nasir Mehmood Minhas	6	8	1
Ms.Hajra Murtaza	1	3	-
Mr.Asif Nawaz	-	-	-
Ms. Rubina Ghazal	-	-	-
Mr. Muhammad Shabbir Hassan	1	3	1
Mr.Tariq Ali	1	8	-
Mr.Saqib Majeed	1	2	-
Mr.Saleem Iqbal	-	2	-
Mr.Ehtsham Azhar	1	-	-
Mr. Saif Ur Rehman	5	5	3
Ms.Sarfaz Bibi	-	1	-
Ms.Hina Gul	-	-	-
Mr.M Jaffer	-	-	-
Mr Shabbir Hassan	1	3	1

**Future Plans**

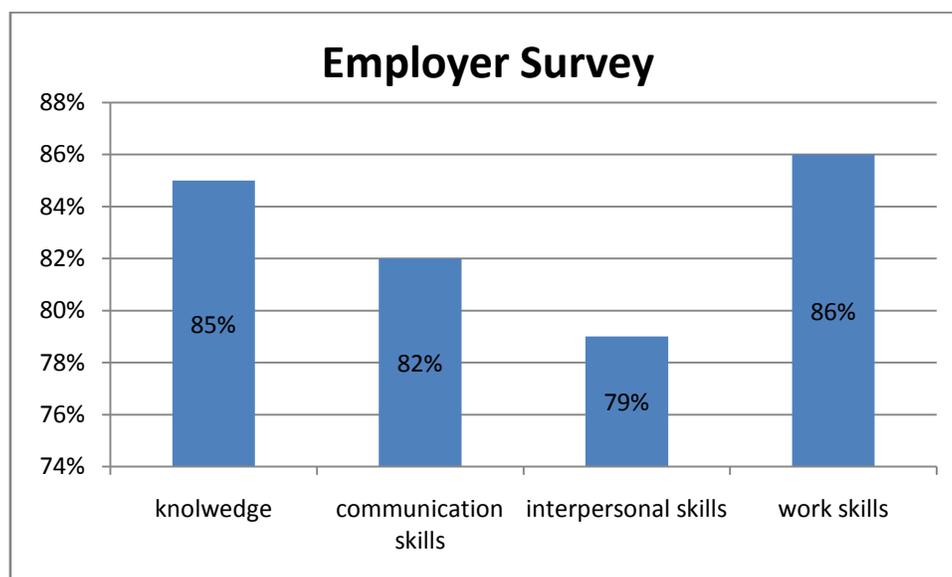
The Management of UIIT has planned a number of research studies and practical work in future deal with the issues of computer science and information technology as according to the requirement of HEC

**Table 4 Quantitative assessment of the department**

Sr. #	Particular	No.	Remarks
I	BSCS degree awarded	107	For the year 2012-2013
II	MS (CS) degree awarded	14	For the year 2012-2013
III	Ph.D. degree awarded	-	--
Iv	Post-Doc fellowship	-	--
V	Students: Faculty ratio	-	1 : 42
VI	Technical: Nontechnical Ratio	-	Fulfill HEC criteria

### Employer Survey

A survey has been conducted and feedback has been collected on Performa 8 from the employees where students have a BS CS degree from UIIT are working. The results are summarized in the figure given below.



**Figure 4: Employer Survey for Determining the Student's Skill Level**

The graph shows the employers view regarding the students. The 82% students have enough knowledge regarding their field. The 76% have communication skills to communicate with the

people of their own field. The 78% students have Interpersonal skills and 81% students have work skills related to the field. The entire employer was of the view that the students have potential and they can be more productive.

## **CRITERIAN 2: CURRICULUM DESIGN AND ORGANIZATION**

### **Degree Title: BS (CS) Bachelors of Sciences in Computer Science**

#### **Intent:**

All the courses for degree program are developed by a committee constituted by the Higher Education Commission, Pakistan. The committee consists of experts and learned professors, subject matter specialists from other universities and research organizations from Pakistan. When and if needed, curriculum for the University Institute of Information Technology is revised/updated through different bodies. At the institutional level there is an institutional Board of Studies that is equivalent to faculty board of studies, which comprised of senior faculty members, is responsible for updating the curriculum. This body is authorized to formulate a syllabus and course content. The Director of the Institute 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 five degree programs are organized by the University Institute of Information Technology. The BS (CS) degree program consists of 4 academic years/ 8 semesters.

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

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

**Table 5 Courses versus Outcomes**

Courses	Outcomes					
	1	2	3	4	5	6
<b>STT-500</b>	++	++	+++	++	+++	+
<b>CS-452</b>	+++	++	+	+++	+	++
<b>STT-500</b>	++	+++	++	+	++	+++
<b>CS-542</b>	++	+	+++	++	+	+
<b>CS-582</b>	+++	++	++	++	+++	++
<b>CS-400</b>	+	+++	++	+++	++	++
<b>CS-565</b>	+++	+++	++	+	++	+++
<b>CS-423</b>	+++	++	+++	++	+++	++
<b>MGT-543</b>	+++	++	++	+++	+++	+
<b>CS-552</b>	++	+	+	++	++	+++
<b>CS-536</b>	+++	++	+	+++	+++	+++
<b>MGT-351</b>	+	++	++	+++	+++	++
<b>SSH-303</b>	+++	+++	+++	+	+	++
<b>CS-323</b>	+++	+	++	+++	++	+++
<b>MTH-315</b>	+++	++	+	+	++	+
<b>CS-530</b>	+++	+++	++	+	+	++
<b>CS-432</b>	+++	+++	++	++	++	+++
<b>SSH-305</b>	+	++	+	+	+++	+
<b>CS-699</b>	+++	+++	+	+++	++	++
<b>ENG-305</b>	+++	+	++	++	+++	++
<b>SSH-302</b>	+++	+	+++	+	++	++
<b>MTH-415</b>	+	+	+++	+++	+++	+++
<b>ENG-325</b>	+++	++	++	++	+++	+++
<b>MGT-411</b>	+	+++	+++	+++	+	+++
<b>CS-576</b>	+	+++	+	++	+++	++
<b>CS-430</b>	+++	+++	++	+	+	+++

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

## CRITERION 3: LABORATORIES AND COMPUTING FACILITIES

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

**Table 6 Laboratory Facility**

Size of campus (in kanals)			9.3 kanals							
Covered area (sq ft)			51,165 sq ft							
Sizes of lecture rooms			Class Room 30' x 40'				Lecture Theater 30' x 50'			
Instructional facilities provided in lecture rooms			Multimedia White Board				Overhead Projectors Sound System			
General computing lab facilities: total number of PCs and lab hours			Approximately 100 hours Per Day Total PCs in Labs: 285 Labs Open: 8:00 am – 9:00 pm							
Nature and level of networking			Fiber Optic based Campus Wide LAN, Point to Point connectivity using fiber optic with 60MB of bandwidth.							
Specialized lab facilities and hours of their availability			CISCO (Router/Switch) GIS (Plotter/Scanner) DLD(Trainer/Oscilloscope) PhD Lab (1)				Linux Lab Teaching Lab Project Lab The labs are open almost the whole day from 8:00 am to 9:00 pm			
Student-to-computer ratio	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
	2.1:1 (309:150)	2:1 (352:150)	1.3:1 (324:260)	1.4:1 (372:260)	1.2:1 (352:285)	1.3:1 (383:285)	1.2:1 (390:285)	2:1 (410:285)	2:1 388:156	3:1 457:156
Average lifetime of a PC in computing labs			3 to 4 years							
Library information			Area (sq ft)	Automated	Total Books	Total Computer Books	Total Journals (Give full details)	IEEE (Give full details)	ACM (Give full details)	
			1020	Automated	3604 In addition to university main library resources	2700	8 Journals	UIIT has an access to digital library services being extended by HEC		

## Assessment of BSCS Curriculum

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

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

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

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

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

The detailed information about Laboratory is presented in Table 6. A total of 15 lab support staff is available at UIIT. The Lab support staff helps teachers in conducting different labs. Their main responsibilities include the lab maintenance, availability of related software for lab etc. One lab person is available for each of the lab being arranged. Detail is given below:

Computer Lab support staff:	8
Multimedia Projector Count:	12
Over Head Projectors Count:	7
Total Lab Computers:	156
Total No. of Labs:	8

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

The UIIT provides enough computing facilities for students in the Lab. The total numbers of computers available for students use in multiple labs are 285 in 8 labs.

A student to computer ratio mentioned in the year 2012-2014 is 1:2. The detailed information is presented in table 6.

## CRITERION 4: STUDENT SUPPORT AND ADVISING

Our University organizes support programs for students and provide information regarding admission, scholarship schemes etc. Institute in its own capacity arranges orientation and guided tours of the department. Director Students Affairs is also there and arranges various cultural activities and solves the students' problems. 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 the HEC and 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 HEC and the University.
- For postgraduate programs, a variety of courses are offered according to demand of the profession

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

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

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

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

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

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

**Table 7: Student to Teacher Ratio at UIIT**

<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
1:23	1:27	1:30	1:35	1:42	1:43

## **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 HEC. For this purpose an advertisement is published in the national newspapers by the Registrar's office.
- Admission criteria for BSCS are F.Sc. Pre medical or pre engineering with minimum of second division.
- 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 for proper registration in the specific program and the registration number is issued to the student.
- Registration is done in one time for each degree but evaluation is done through the result of each semester. Only those students, who fulfill the criteria of the University, are promoted to the next semester.

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

- The recruitment policy followed by the University is the same as recommended by the HEC. Induction of all posts is done as per rule.
- Vacancies and newly created positions are advertised in the national newspapers, applications are received by the Registrar's office, scrutinized by the scrutiny committee, and call letters are issued to the shortlisted candidates on the basis of experience, qualification, publications and other qualities/activities as determined by the University.
- The candidates are interviewed by the University Selection Board, and Principal and alternate candidates are selected.
- Selection of candidates is approved by the Syndicate for issuing orders to join within a specified period.
- Induction of new candidates depends upon the number of approved vacancies.
- The standard set by HEC is followed.
- At present, no procedure exists for retaining highly qualified faculty members. However, the revised pay scale structure is quite attractive.
- HEC also supports the appointment of highly qualified members as foreign faculty Professors, National Professors and deports them to the concerned institutes of the University.

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

## CRITERION 6: FACULTY

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

Below is the detail of faculty members at UIIT for the BS (CS) program.

### A. Full-time Faculty Information

**Table 8: Full Time Faculty Members at UIIT**

Full-time Faculty Size	Number of faculty members with		Full Professors	Associate Professors	Assistant Professors	Lecturers	Teaching Assistants/Fellows
	PhD	MS					
15	2	13	0	1	7	7	-

### B. Part-Time Faculty Information

**Table 9: Part Time Faculty Members at UIIT**

Part-Time Faculty Size	Number of Part-Time Faculty Members with		Total Number of Courses Offered by the Institute	Number of Courses Taught by Part-Time Faculty per Year	Average Teaching Load per Part-Time Faculty Member
	PhD	MS			
(Fall-12)	01	23	108	57	1:2
(Spring-13)	02	12	84	41	1:1.58
(Fall-13)	3	27	116	60	1:2
(Spring 14)	2	21	88	41	1:1.5

The entire faculty members are hired on the basis of the degree offered by 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.

**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 faculty members are sent for the training for the available resourced. Currently many faculty members are studying in Pakistan and abroad in MS and PhD level studies.
- Institute provides them study leave with pay and some time 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 through HEC. There are certain policy matters which a faculty member needs to follow in order to get a positive feedback from the institute for travel grants to the conference.
- The university provides a certain amount of innovative research ideas to the faculty members.

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

The faculty members are not fully satisfied with the workload and the amount they get in the form of salary. Most of the faculty members are satisfied with the mix of research and teaching method. The faculty members are satisfied with the support they are getting from the administration regarding the research and teaching. The faculty members are satisfied with overall climate of the institute. Not all the faculty members are satisfied with the job security. Most of the faculty members are satisfied that the institution is utilizing their capabilities in the good way. The faculty should be encouraged to continue excelling through the carrier. A table of Results of faculty Survey is at next Page.

**Table 10: Result of Faculty Survey**

S. No	Parameters	Dr. Sohail Asghar	Saqib Majeed	Nasir Minhas	Dr. Faraz Ahsen	Ms. Saleem Iqbal	Asif Nawaz	Mr. M. Jafer	Ms. BusraKiani	Mr. Yasir hafeez	Mr. Shabir Hassan	Mr. Tariq Ali	Mr. Ehtsham Azhar	Sarfraz Bibi	Mr. Syed Mushhad Gillani
1	Your mix of research, teaching and community service	A	A	B	B	C	A	B	C	B	B	B	B	B	B
2	The intellectual stimulations of your work.	B	B	B	B	C	B	B	B	B	A	A	A	B	C
3	Type of teaching /research you currently do.	A	B	A	B	C	A	B	B	A	A	B	B	B	B
4	Your interaction with students.	B	A	A	B	B	A	B	B	B	B	A	A	B	B
5	Cooperation you receive form colleagues.	B	B	A	B	B	B	C	B	A	A	B	B	B	B
6	The mentoring available to you.	B	B	B	B	C	B	B	C	B	B	B	C	C	B
7	Administrative support from the department.	A	A	B	C	A	B	B	B	D	D	D	D	A	B

8	Providing clarity about the faculty promotion process.	C	A	C	C	A	C	D	C	D	D	D	D	D	C
9	Your prospects for advancement and progress through ranks.	C	A	C	C	B	B	C	B	B	B	B	B	C	D
10	Salary and compensation package.	B	B	B	C	C	C	B	B	D	D	E	E	D	D
11	Job security and stability at the department.	B	A	B	B	B	C	B	B	A	A	D	D	C	B
12	Amount of time you have for yourself and family.	C	B	C	B	D	B	B	B	B	B	D	D	D	B
13	The over all climate at the department.	B	B	B	B	C	B	B	B	B	C	B	B	B	B
14	Whether the department is utilizing your experience and	C	B	A	C	B	B	B	B	B	B	B	B	B	B

	knowledge														
15	What are the best programs / facts currently available in your department that enhance your motivation and job satisfaction	The MS Program and BS CS Program	Administrative Support.	MS (CS), BS (CS)	MS and BS CS Program	-	-	NIL		NIL	NIL	NIL	NIL	NIL	NIL
16	Suggest programs/factors that could improve your motivation and job satisfaction?	It is better to offer new courses in the existing programs	NIL	More research oriented programs should be offered	NIL	Justified work load + Time for research + Better working environment	-	NIL	Different workshop related to IT should be organized.	NIL	NIL	NIL	NIL	NIL	NIL

**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 small library which has computer science related books. But this library also lacks the book related to the latest field and the field in which currently latest results are being conducted. Also library lack physical research journals

**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 not comfortable to work at all during the summer.
- Classrooms have a limited size white board which ends after writing for a few minutes.

- Because of the fans, teacher keeps on speaking and voice don't reach ahead of 2<sup>nd</sup> or 3<sup>rd</sup> row in summer, so something should be done to replace fans with air conditions.

## **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. There should be enough research budgets that can attract the faculty member to do research in their fields. Along with the research grant, the institute should provide funding for the research projects independently.

**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 BSCS program over past ten years. UIIT is not accredited for a PhD Degree. Teaching Assistant positions are not available for UIIT.

**Table 11: Number of students enrolled in BS-CS in last ten years**

2008-09	2009-10	2010-11	2011-12	2012-13	2013-2014
158	200	581	654	736	800

**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 12: Financial Information about the institution and the Program**

<b>Total assets of the institution</b>	PMAS-AAUR is a public sector University and UIIT is a constituent part of the university -- it is relatively hard to determine the exact value of its assets.				
<b>Total endowment fund of the institution</b>					
	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>Yearly budget for the past five years</b>	24.584M	25.409M	38,799,561	47,449,336	52,009,374
<b>Institution's yearly budget for research and faculty development for the past five years</b> 2	1.168M	2.25M	N/A	N/A	N/A
<b>Institution's yearly budget for library</b> 1	0.350M	0.400M	350,000	200,000	300,000
<b>Institution's yearly budget for computing facilities</b>	0.400M	0.400M	480,000	480,000	2,500,000
<b>Total working capital of the department/school/college that offers the program</b>					
	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>Yearly budget of the department/school/college that offers</b>	<b>As Above</b>				

<b>the program</b>					
<b>Department/school/college's yearly budget for research and faculty development for the past five years</b>					
<b>Fee Structure</b>	Subsidized Fee: Rs 8360 Regular Fee: Rs. 24900	Regular Fee Category Only: Rs 23190	Regual Fee: Rs. 25,900	Regular Fee Rs. 28,500	Regular Fee Rs. 32,700
<b>What are sources of income</b>	Project of Most	Students fee and Govt. Grants			

## SUMMARY AND CONCLUSION

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

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

The foundation of the curriculum designed for BS CS program is according to the market and international standards of computer education guided by the requirements defined by the Higher Education Commission of Pakistan. The curriculum includes an adequate proportion of mathematical, statistical and management courses to provide a complete skill package for effective professional conduct. It is further supplemented by the inclusion of a number of general courses intended to sharpen the written and oral communication proficiency of the students. Moreover, the faculty members and students are encouraged to arrange workshops and seminars as a part of their academic and practical work to further enhance their professional abilities.

UIIT supports the new trends towards education such as e-learning including digital publications, journals, etc. The faculty and students have been provided with a full-time access to the e-library and internet through local area network, so that they have a ready access to many well known journals relevant to their respective research areas. In addition, a book library is also available but lacks the latest editions of books related to multiple important subjects.

While analyzing Criteria Referenced Self-Assessment, it has been observed that Insititute's performance is satisfactory but there are few gray areas due to which the Institute's is perceived as underperformed. The performance of UIIT can be in good health in general and particularly in BS CS Degree program by improving following points:

1. There is a need to ensure that Computers Labs are well equipped in the campus.
2. For the smooth flow of lectures, power supply for labs, class rooms and lecture theaters should be non-stop.
3. Due to a large number of students there is a need for the expansion of the current campus.
4. De-motivated and less satisfied faculty due to fewer opportunities for career development and professional expertise is not encouraging
5. There is a requirement of multimedia in every class, lecture theaters and lab.
6. Sufficient funding is required for the research projects for the development and betterment of the students.
7. There should be seminars on the latest research trends which help students to choose their field and also to decide the field of specialization for further studies.
8. Student internship program should be organized for the professional grooming and stipend should be given to them like other universities are practicing.
9. The workload should be reduced for the faculty according to the standard practice among other leading universities of Pakistan.
10. Concept of research associates needs to be reintroduced while at the same time, teaching assistants need to be inducted among the students to facilitate teachers and sharpen their own skills.
11. The trend of seminars and workshops, by the people of industry related to latest technologies currently active in the market, should be stimulated.
12. There are no collaborative initiatives with reputed National and International universities for exchanging academic resources helpful both for students and faculty

**Program Team Member**

**Coordinator: Dr. Mobushir Riaz Khan** \_\_\_\_\_

**Convener: Mr. NAsir Minhas** \_\_\_\_\_

**Members: Mr. Yasir Hafeez** \_\_\_\_\_

**Dr. Mamoona Humayun** \_\_\_\_\_

**Ms. Bushra Hamid** \_\_\_\_\_

**Mr. Muhammad Jaffer** \_\_\_\_\_

## ANNEXURES

### ANNEXURE I: ALUMNI SURVEY

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

		Excellent	Very Good	Good	Fair	Poor
<b>I</b>	<b>Knowledge</b>					
1	Math, Science, Humanities and professional discipline, (if applicable)	62%	19%	10%	5%	5%
2	Problem formulation and solving skills	71%	10%	10%	5%	5%
3	Collecting and analyzing appropriate data	62%	10%	14%	10%	5%
4	Ability to link theory to practice	57%	19%	10%	10%	5%
5	Ability to design a system component or process	67%	10%	5%	14%	5%
6	IT knowledge	81%	5%	5%	5%	5%
<b>II</b>	<b>Communication Skills</b>					
1	Oral communication	40%	40%	10%	5%	5%
2	Report writing	71%	10%	10%	5%	5%
3	Presentation skills	57%	19%	10%	10%	5%
<b>III</b>	<b>Interpersonal Skills</b>					
1	Ability to work in teams.	67%	19%	5%	5%	5%
2	Ability to work in arduous/Challenging situation	71%	10%	10%	5%	5%
3	Independent thinking	48%	29%	14%	5%	5%
4	Appreciation of ethical Values	76%	10%	5%	5%	5%
<b>IV</b>	<b>Management/Leadership Skills</b>					
1	Resource and Time management skills	48%	33%	10%	5%	5%
2	Judgment	52%	24%	14%	5%	5%
3	Discipline	71%	10%	10%	5%	5%
<b>V</b>	<b>General Comments</b>					
<b>VI</b>	<b>Career Opportunities</b>					
<b>VII</b>	<b>Department Status</b>					
1	Infrastructure	65%	18%	12%	6%	0%
2	Faculty	71%	24%	6%	0%	0%
3	Repute at national level	59%	35%	6%	0%	0%
4	Repute at International level	12%	47%	12%	6%	24%

## ANNEXURE II: GRADUATING STUDENTS SURVEY

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

		<b>Very Satisfied</b>	<b>Satisfied</b>	<b>Uncertain</b>	<b>Dissatisfied</b>	<b>Very Dissatisfied</b>
1	The work in the program is too heavy and induces a lot of pressure.	57%	30%	4%	4%	4%
2	The program is effective in enhancing team-work abilities.	52%	35%	0%	9%	4%
3	The program administration is effective in supportive learning	35%	35%	17%	4%	9%
4	The program is effective in developing analytical and problem solving skills.	43%	39%	9%	4%	4%
5	The program is effective in developing independent thinking.	52%	20%	16%	4%	8%
6	The program is effective in developing written communication skills.	48%	35%	13%	0%	4%
7	The program is effective in developing planning abilities.	43%	35%	4%	9%	9%
8	The objectives of the program have been fully achieved.	43%	39%	9%	4%	4%
9	Whether the contents of the curriculum are advanced and meet program objectives.	39%	35%	13%	4%	9%
10	The faculty was able to meet the program objectives.	43%	30%	9%	13%	4%
11	The environment was conducive for learning	30%	30%	22%	4%	13%
12	Whether the infrastructure of the department was good	30%	17%	35%	13%	4%
13	Whether the program was comprised of Co-curricular and extra-curricular activities	22%	17%	35%	17%	9%
14	Whether scholarships/grants were available to students in case of hardship.	65%	22%	9%	4%	0%

## ANNEXURE III: EMPLOYER SURVEY

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

		Excellent	Very Good	Good	Fair	Poor
<b>I</b>	<b>Knowledge</b>					
1	Math, Science, Humanities and professional discipline, (if applicable)	55%	24%	15%	3%	3%
2	Problem formulation and solving skills	50%	31%	6%	9%	3%
3	Collecting and analyzing appropriate data	49%	26%	17%	3%	6%
4	Ability to link theory to practice	37%	34%	17%	12%	0%
5	Ability to design a system component or process	45%	32%	9%	9%	5%
6	Computer knowledge	68%	9%	5%	9%	9%
<b>II</b>	<b>Communication Skills</b>					
1	Oral communication	36%	30%	18%	12%	3%
2	Report writing	39%	26%	17%	4%	13%
3	Presentation skills	39%	27%	17%	5%	12%
<b>III</b>	<b>Interpersonal Skills</b>					
1	Ability to work in teams.	49%	17%	31%	3%	0%
2	Leadership	32%	32%	21%	0%	14%
3	Independent thinking	37%	53%	11%	0%	0%
4	Motivation	42%	31%	12%	8%	8%
5	Reliability	42%	32%	0%	5%	21%
6	Appreciation of ethical values	48%	13%	16%	10%	13%
<b>IV</b>	<b>Work Skills</b>					
1	Time management skills	38%	50%	8%	4%	0%
2	Judgment	42%	27%	15%	12%	3%
3	Discipline	32%	44%	20%	4%	0%

## ANNEXURE IV: FACULTY RESUME

### Performa 9



### Faculty Resume

Name	Dr. SohailAsghar
Personal	Director University Institute of Information Technology PMAS-AridAgricultureUniversity, Rawalpindi - Pakistan Mobile: +92-051-9290154
Experience	Director Nov 2011 to-date University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	Australian Post Graduate Award for Industry, Australian Research Council, Monash University, Jan 2004-April 2006 Oracle Certified Professional (OCP) – 2000 Awarded Travel Grants (Three Times) from Higher Education Commission (HEC) of Pakistan.
Memberships	Member IEEE Member Australian Computer Society (ACS) HEC Approved supervisor
Brief Statement of Research Interest	Data Mining and Business Intelligence Decision Support Systems Model Management and Disaster Management Systems Operational Research
Publications	92

## Performa 9



### Faculty Resume

Name	Tariq Ali
Personal	Lecturer University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Mobile: +92-051-9290154
Experience	Lecturer July 2012 to-date University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	.
Memberships	
Brief Statement of Research Interest	Document classification
Publications	10

## Performa 9

### Faculty Resume



Name	Bushra Hamid
Personal	Cell No: 03325137197 Address-No p-1449, Ghazi Road Rawalpindi
Experience	Date:5-05-2009 Title: Lecturer Institution: PMAS,Arid Agriculture University, Rawalpindi
Honor and Awards	Merit scholarship in all semesters during Masters degree 2 <sup>nd</sup> Position in class in MCS
Memberships	N/A
Graduate Students	Years Degree Name
Undergraduate Students	2010 PGD(IT) Abdul Raziq, Muzzamil Ahmed, M. Waris Bhatti
Honor Students	2010 PGD(IT) Hanif-ur- Rehman, Noor rehman
	2010 PGD(IT) Tassarwar Hussain, M. Bashir Feroz, M. Asif
	2010 PGD(IT) Adnan Mumtaz , Nasir Shehzad, NaziaKhaliq
Service Activity	N/A

## Performa 9

### Faculty Resume



Name	Syed Mushhad Mustuzhar Gilani
Personal	Room # 05, UIIT, PMAS-Arid Agriculture University, Rawalpindi, 0300-6604200
Experience	2009– Current UIIT, PMAS-Arid Agriculture University Rawalpindi Lecturer Major course taught during my tenure at UIIT so far include:  MCS/MIT/PGD Computer Communication and Network Operating System Telecommunication Technologies
List supervision of graduate students, postdocs and undergraduate honors theses showing:	23
Publications	5



**Faculty Resume**

Name	Yasir Hafeez
Personal	Assitant Professor University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan office: +92-051-9290154
Experience	10 years Total and working at UIIT since 2004 University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	N/A
Memberships	N/A
Brief Statement of Research Interest	<p>Topics of interest include, but are not limited to:</p> <ul style="list-style-type: none"> <li>Requirements engineering process definition, measurement, and improvement</li> <li>Requirements negotiation, prioritization, and domain ontology construction</li> <li>Modeling of requirements, Requirements management and traceability</li> <li>Requirements in market-driven, service-oriented, and product line environments</li> <li>Requirements for highly complex systems on a global scale</li> <li>Social, cultural, global, personal, and cognitive factors in requirements engineering</li> <li>Industry and research collaboration, learning from practice, Agile Software development Practices</li> </ul>
Publications	12

## Performa 9



### Faculty Resume

Name	Sarfraz Bibi
Personal	Lecturer University Institute of Information Technology PMAS-AridAgricultureUniversity, Rawalpindi - Pakistan Mobile: +92-0321-5515426
Experience	Lecturer July 2012 to- Present University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	
Memberships	
Brief Statement of Research Interest	To accelerate my research in the area of Software Requirement Engineering, Business Process Re-engineering, Software Quality Engineering, Software System Design and Architecture
Publications	01



## Faculty Resume

Name	Yasir Hafeez
Personal	Assitant Professor University Institute of Information Technology PMAS-AridAgricultureUniversity, Rawalpindi - Pakistan office: +92-051-9290154
Experience	10 years Totol and working at UIIT since 2004 University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	N/A
Memberships	N/A
Brief Statement of Research Interest	<p>Topics of interest include, but are not limited to:</p> <ul style="list-style-type: none"> <li>Requirements engineering process definition, measurement, and improvement</li> <li>Requirements negotiation, prioritization, and domain ontology construction</li> <li>Modeling of requirements, Requirements management and traceability</li> <li>Requirements in market-driven, service-oriented, and product line environments</li> <li>Requirements for highly complex systems on a global scale</li> <li>Social, cultural, global, personal, and cognitive factors in requirements engineering</li> <li>Industry and research collaboration, learning from practice, Agile Software development Practices</li> </ul>
Publications	12

## Performa 9

### Faculty Resume



Name	Nasir Mehmood Minhas																					
Personal	Assistant Professor University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan Mobile: +92-333-5651973																					
Experience	January 28, 2008 to – date Assistant Professor University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan Overall 14 years experience of Teaching, Research, and Administration																					
Graduate Students	<table><thead><tr><th>Years</th><th>Degree</th><th>Name</th></tr></thead><tbody><tr><td>2011</td><td>MS (CS)</td><td>Asma Batool</td></tr><tr><td>2011</td><td>MS (CS)</td><td>Shahla Majeed</td></tr><tr><td>2012</td><td>MS (CS)</td><td>Muhammad Jalil</td></tr><tr><td>2012</td><td>MS (CS)</td><td>Asif Majeed</td></tr><tr><td>2013</td><td>MS (CS)</td><td>Zafar ul Islam</td></tr><tr><td>2013</td><td>MS (CS)</td><td>QuratulAin</td></tr></tbody></table>	Years	Degree	Name	2011	MS (CS)	Asma Batool	2011	MS (CS)	Shahla Majeed	2012	MS (CS)	Muhammad Jalil	2012	MS (CS)	Asif Majeed	2013	MS (CS)	Zafar ul Islam	2013	MS (CS)	QuratulAin
Years	Degree	Name																				
2011	MS (CS)	Asma Batool																				
2011	MS (CS)	Shahla Majeed																				
2012	MS (CS)	Muhammad Jalil																				
2012	MS (CS)	Asif Majeed																				
2013	MS (CS)	Zafar ul Islam																				
2013	MS (CS)	QuratulAin																				
Publications in Journals	06																					
Publications in proceedings/abstracts	08																					

## Performa 9



### Faculty Resume

Name	EhtshamAzhar
Personal	Lecturer University Institute of Information Technology PMAS-AridAgricultureUniversity, Rawalpindi - Pakistan Mobile: +92-345-5379033
Experience	Lecturer July 2012 to-date University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	.
Memberships	
Brief Statement of Research Interest	=
Publications	Abid Kamran, EhtshamAzhar, Ahmed Adeel Khan and Syed TauseefMohyud-Din, Adomian's Decomposition Method for generalized fifth order Time-fractional Korteweg-de Vries Equations, <i>Journal of Fractional Calculus with Application</i> . Vol.5 (2) (2014), pp. 176-186.

## Performa 9



### Faculty Resume

Name	Asif Nawaz
Personal	Lecturer University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Mobile: +92-333-3690007
Experience	01/2012-Till Date as Lecturer (Comp Sc.) at PMAS-Arid Agriculture University , Rawalpindi. 01/2011- 01/2012 as Lecturer (Comp Sc.) at Punjab Group of Colleges, Rawalpindi. 2/2009-12/2010 as Lecturer (Comp Sc.) at Cadet College, Rawalpindi. 7/2007-08/2008 as Intern (NIP). at Planning Commission, Islamabad. 3/2006-7/2007 as Lecturer (Comp Sc.) at Wisdom Science College, Chowkara, Karak,
Honor and Awards	
Memberships	
Brief Statement of Research Interest	Data Mining Machine Learning Data Base
Publications	1

## Performa 9



### Faculty Resume

Name	Muhammad Jaffer
Personal	Lecturer University Institute of Information Technology PMAS-AridAgricultureUniversity, Rawalpindi - Pakistan Mobile: +92-334-0444453
Experience	01/2012-Till Date as Lecturer (Comp Sc.) at PMAS-Arid Agriculture University , Rawalpindi.
Honor and Awards	
Memberships	
Brief Statement of Research Interest	Machine Learning Robotics Cognitive AI
Publications	1

## Performa 9

### Faculty Resume



Name	Saqib Majeed
Personal	Assistant Professor University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan Mobile: +92-333-6905241
Experience	January 2004 to August 2016 Research Associate University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan  August 2006 to June 2014 Lecturer University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan  JUNE, 2014 to – date Assistant Professor University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan Overall 12years experience of Teaching, Research, and Administration
Graduate Students	Years Degree Name

## Performa 9

### Faculty Resume



Name	Saleem Iqbal		
Personal	Assistant Professor University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan		
Experience	Assistant Professor	PMAS-AAUR, Rawalpindi	2012-Date
	Assistant Director (IT)	Cabinet Division, GOP	2007-2012
	Lecturer	COMSATS, Islamabad	2003-2007
Graduate Students	Years	Degree	Name
Undergraduate Students	NIL		
Honor Students			
Publications in Journals	7		
Publications in proceedings/abstracts	3		

## Performa 9



### Faculty Resume

Name	Saif Ur Rehman
Personal	Assistant Professor University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Mobile: +92-051-9290154
Experience	Assistant Professor July 2011 to-date University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	.Gold Medalist In MCS 3 <sup>rd</sup> Position in B.Sc
Memberships	
Brief Statement of Research Interest	Data Mining Machine Learning Graph Mining
Publications	11



## Faculty Resume

Name	Muhammad Shabbir Hassan
Personal	<p>University Institute of Information Technology                  PMAS-AridAgricultureUniversity, Rawalpindi - Pakistan                  Mobile: 03335283010                  Date Of Birth: December 20,1980                  Postal Address: House # 355,                  Street # 18, I-10/2 Islamabad</p>
Experience	<p>Teaching Experience at University Level: 4 Year Experience as a Lecturer (BS-18) and Assistant Professor (BS-19) at University of Institute of Information Technology (University of Arid Agriculture Rawalpindi). Performing the additional duties as a Project Coordinator. More than 300 students (135 Projects) of BSCS/BSIT/MCS/MIT (Morning/Evening) are coordinating from last two years.</p> <p>Professional Experience: 3 Years Experiences as Enterprise Architect at Electronic Government Directorate (Ministry of IT) Islamabad.</p> <p>Software Development Experience: 4 Years Experiences as Senior Software Engineer at OVEX Technologies and ESOL Pvt Ltd Islamabad.</p>
Honor and Awards	
Memberships	
Brief Statement of Research Interest	
Publications	<p>Socio-Technical Factors Affecting Erp Implementation Success in Pakistan: an Empirical Study. Australian Journal of Basic and Applied Sciences. 2011, 5(3): 742-749,</p> <p>A Scrum Framework for Requirement Engineering Practices. Pakistan Academy of Sciences. December, 2013, PP: 263-27 (2013)</p>

## ANNEXURE V: FACULTY COURSE REVIEW REPORT

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

### Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-323	Title:	Programming fundamentals		
Session:	2013	Semester:	Fall		
Credit Value:	4(2-2)	Level:	BS CS-1	Prerequisites:	none
Name Of Course Instructor:	Tariq Ali	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 Round about eight quizzes, and 4 assignments, quizzes are unannounced and first assignment after algorithm, 2 <sup>nd</sup> assignment after conditional statements, third after loops and 4 <sup>th</sup> after function. One course project after the end of the course				

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

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

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

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

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

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

The course curriculum is in accordance with HEC approved guidelines

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

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

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

Name: \_\_\_\_\_ Date \_\_\_\_\_

(Course Instructor)

Name: Dr. Mobushir Riaz Khan Date \_\_\_\_\_

(Director)

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology		
Course Code	CS-552	Title:	Software Engineering-II			
Session:	2013	Semester:	Spring			
Credit Value:	3(3-0)	Level:	BS CS-3	Prerequisites:	Software Engineering-I	
Name Of Course Instructor:	Sarfraz Bibi	No. of Students Contact Hours	Lectures (3 hours)	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term					

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

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

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

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

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

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

The course curriculum is in accordance with HEC approved guidelines

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

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

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

Name: \_\_\_\_\_ Sarfraz Bibi \_\_\_\_\_ Date 16/09/2014 \_\_\_\_\_

(Course Instructor)

Name: Dr. Mobushir Riaz Khan Date \_\_\_\_\_

(Director)

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-452	Title:	Software Engineering 1		
Session:	2013	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BS CS-3	Prerequisites:	
Name Of Course Instructor:	Yasir Hafeez	No. of Students Contact Hours	Lectures (3 hours) Labs (N/A)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term				

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

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

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

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

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

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

The course curriculum is in accordance with HEC approved guidelines

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

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

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

Name: \_\_\_\_\_ Yasir Hafeez \_\_\_\_\_ Date \_\_\_\_\_

(Course Instructor)

Name: **Dr. Mobushir Riaz Khan** \_\_\_\_\_ Date \_\_\_\_\_

(Director)

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MTH-315	Title:	Multivariable Calculus		
Session:	2014	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS CS-2	Prerequisites:	MTH-310
Name Of Course Instructor:	Ehtsham Azhar	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 Three assignment and Four quizzes was held of weightage 12 marks, mid term of 18 marks and final exam of 30 marks.				

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

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	42	6.81	36.36	31.82	15.91		6.81			
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	<b>Total</b>
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:   EhtshamAzhar   Date \_\_\_\_\_  
 (Course Instructor)

Name:   **Dr. MobushirRiaz Khan**   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 or his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	STT – 510	Title:	Statistical Analysis		
Session:	2013	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS (CS)	Prerequisites:	STT - 500
Name Of Course Instructor:	Nasir Mehmood Minhas	No. of Students Contact Hours	Lectures (3 hours) Labs (N/A)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term				

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

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	41	29.3	34	17	7.3		2.4			
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	<b>Total</b>
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 ComMCStee (SSCC) or equivalent, (if any)

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

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

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

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

Name: <u>Nasir Mehmood Minhas</u> Date 16/09/2014 (Course Instructor)
Name: <u>Dr. Mobushir Riaz Khan</u> Date _____ (Director)

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SSH-303	Title:	Professional Ethics		
Session:	2013	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS CS-3	Prerequisites:	NA
Name Of Course Instructor:	Asif Nawaz	No. of Students Contact Hours	27 Labs (N/A)		
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	49	0	17	78	0	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: \_\_\_\_\_ Date \_\_\_\_\_

(Course Instructor)

Name: Dr. Mobushir Riaz Khan 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 or his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-582	Title:	Operating System Concepts		
Session:	2014	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSCS	Prerequisites:	
Name Of Course Instructor:	Saleem Iqbal	No. of Students Contact Hours	36		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term Mid 12 Marks, Assignment / Quiz 8 Marks, Final Theory 20, Final Practical 20				

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

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	36	2	9	10	6		9			36
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	<b>Total</b>
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 ComMCStee (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: _____	Date _____
(Course Instructor)	
Name: _____	Date _____
(Director)	

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science	Faculty:	University Institute of Information Technology		
Course Code	CS-400	Title:	Database Systems		
Session:	2013	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BS CS-	Prerequisites:	
Name Of Course Instructor:	Saqib Majeed	No. of Students Contact Hours	Lectures (2 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term				

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

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	49	14.19	37.78	24.49	14.29	8.16				
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	43	<b>6.9(3)</b>	<b>18.6(8)</b>	<b>25.58(11)</b>	<b>13.95(6)</b>			<b>34.88(15)</b>		<b>43</b>

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

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Null

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

Null

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

The course curriculum is in accordance with HEC approved guidelines

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

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

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

Name:   Saqib Majeed   Date \_\_\_\_\_  
 (Course Instructor)  
 Name:   **Dr. MobushirRiaz Khan**   Date \_\_\_\_\_  
 (Director)

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-542	Title:	Analysis of Algorithms		
Session:	2014	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS CS-4	Prerequisites:	
Name Of Course Instructor:	Saif Ur Rehman	No. of Students Contact Hours	Lectures (3 hours) Labs (N/A)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term				

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

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	30	70	23	3.228	0	0	0	-	-	30
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	<b>Total</b>
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: Saif Ur Rehman \_\_\_\_\_ Date \_\_16-Sep-2014\_\_\_\_\_

(Course Instructor)

Name: **Dr. Mobushir Riaz Khan**\_\_ Date \_\_\_\_\_

(Director)

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-465	Title:	Web Design & Development		
Session:	2014	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BS CS-6	Prerequisites:	
Name Of Course Instructor:	Muhammad Shabbir Hassan	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	<ul style="list-style-type: none"> <li>• Assignments will be submitted on time. There will be 4% per hour deduction on late assignment submission</li> <li>• Copying/Cheating whole or part of the assignment from anywhere without proper credit/references will not be tolerated. Whether you have copied or your work has been copied by someone else, you will get zero marks in that assignment.</li> <li>• Semester Projects shall be allocated by the instructor in first week of the course. Please decide your group members (atmost 3 members)</li> </ul>				

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

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

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

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

8) Student (Course Evaluation) Questionnaires

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

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

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

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

Name: Muhammad Shabbir Hassan Date:17/9/2014  
(Course Instructor)  
Name: Dr. MobushirRiaz Khan Date \_\_\_\_\_  
(Director)

## Performa 2

### Faculty Course Review Report

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



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

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-632	Title:	Artificial Intelligence		
Session:	2013	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BS CS-6	Prerequisites:	
Name Of Course Instructor:	Muhammad Jafer	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	<ul style="list-style-type: none"> <li>• Assignments will be submitted on time. There will be 4% per hour deduction on late assignment submission</li> <li>• Copying/Cheating whole or part of the assignment from anywhere without proper credit/references will not be tolerated. Whether you have copied or your work has been copied by someone else, you will get zero marks in that assignment.</li> <li>• Semester Projects shall be allocated by the instructor in first week of the course. Please decide your group members (atmost 3 members)</li> </ul>				

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

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

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

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

12) Student (Course Evaluation) Questionnaires

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

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

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

The course curriculum is in accordance with HEC approved guidelines

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

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

Name: Muhammad Jafer

Date:17/9/2014

(Course Instructor)

Name: Dr. MobushirRiaz Khan Date \_\_\_\_\_

(Director)