

Pir Mehr Ali Shah
Arid Agriculture University, Rawalpindi



Self Assessment Report
University Institute of Information Technology
BSIT
July, 2010-2012

Self Assessment Report

Coordinator: Dr. Sohail Asghar
Convener: Ms. Hina Gul
Members: Ms. Ayesha Umair
Ms. Bushra Hamid

Contents

INTRODUCTION	5
CRITERION 1: PROGRAM MISSION, OBJECTIVES AND OUTCOMES	6
CRITERION 2: CURRICULUM DESIGN AND ORGANIZATION	305
CRITERION 3: LABORATORIES AND COMPUTING FACILITIES	307
CRITERION 4: STUDENT SUPPORT AND ADVISING	309
CRITERION 5: PROCESS CONTROL	311
CRITERION 6: FACULTY	314
CRITERION 7: INSTITUTIONAL FACILITIES	318
CRITERION 8: INSTITUTIONAL SUPPORT	320
SUMMARY AND CONCLUSION	324
ANNEXURES	326
ANNEXURE I: ALUMNI SURVEY	326
ANNEXURE II: GRADUATING STUDENTS SURVEY	327
ANNEXURE III: EMPLOYER SURVEY	328
ANNEXURE IV: FACULTY RESUME	329
ANNEXURE V: FACULTY COURSE REVIEW REPORT	342

List of Tables

Table 1: Programs Objectives Assessment	7
Table 2: Program Outcomes and Their Relationship with Objectives	10
Table 3: Performance measures for research activities	302
Table 4: Quantitative assessment of the department	302
Table 5: Courses versus Outcomes	306
Table 5(a): Detail of Courses representing theoretical background, problem analysis and solution design	306(a)
Table 5(b): Credit hour division between major areas	306(d)
Table 5(c): General Education Courses	306(d)
Table 6: Laboratory Facility	307
Table 7: Student to Teacher Ratio at UIIT	310
Table 8: Full Time Faculty Members at UIIT	314
Table 9: Part Time Faculty Members at UIIT	314
Table 10: Result of Faculty Survey	316
Table 11: Number of students enrolled in BS-IT in last ten years	320
Table 12: Financial Information about the institution and the Program	321

List of Figures

Figure 1: Teacher Evaluation Graph	11
Figure 2: Course Evaluation Graph	56
Figure 3: Result of Alumni Survey	295
Figure 4: Knowledge	296
Figure 5: Communication Skills	297
Figure 6: Interpersonal Skills	298
Figure 7: Management and Leadership Skills	299
Figure 8: Survey of Graduating Students	300
Figure 9: Employer Survey for Determining the Student's Skill Level	304

Introduction

The Bachelor of Information Technology (BSIT) degree focuses on computers and Information Technology. These programs typically deal with web design, databases, programming skills and networking, using each in a range of different fields. The main difference between information technology and computer science is that students are expected to study management and information theory. Computer science focuses on the science of computers, while information technology concentrates on the business and communication aspects.

University Institute of Information Technology (UIIT) was established in 2001 to address this dire need. UIIT is producing CS/IT graduates who are well versed to provide IT based solutions to the problems for all the sectors in general and for Agriculture sector in particular.

UIIT started BS (IT) program in 2007 and enrolled 100 students in its first batch. It is a four year program of eight semesters, each semester running for sixteen weeks. The degree is awarded to students on the successful completion of a minimum 133 credit hours, including six credits for the project, with a CGPA of at least 2.5. The course of Bachelors in Information Technology is designed to train professionals in IT by imparting high quality education in the field of computing with an emphasis on information technology. It includes a sound knowledge of the fundamentals of computing and mathematics relevant to IT. The students are equipped with skills to apply the concepts, principles and best practices in information technology for analyzing and solving real world problems.

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 1 are met.

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

Mission Statement

Our Mission is to provide a quality and value-laden education in Computer Science and Information Technology in order to produce scientifically, technologically, and professionally competent graduates who are adept to perform a significant role in the continuing transformation of the local and global society.

Documented measurable objectives

Strategic objectives of BS (IT) program are:

1. To provide our graduates with a broad-based education that will form the basis for personal growth and lifelong learning.
2. To provide our graduates with a quality technical education that will equip them for productive careers in the field of Information Technology.
3. To provide graduates with the competencies and knowledge to take an appropriate professional role in Information Technology after graduation.
4. To make students learn how to design and analyze software systems, or to program in Visual C#, C++, Java, Oracle Database, or to create a homepage, or to write a JavaScript, PHP and AJAX based web application.
5. To provide our graduates with the communication skills and social and ethical awareness requisite for the effective and responsible practice of their professions.
6. To enable students to anticipate the changing direction of information technology, evaluate and communicate the likely utility of new technologies to an individual or organization.

7. To create well-rounded individuals who are productive and responsible member of society.
8. To allow students to acquire the skills and maturity to grow into pursuing research or graduate studies in the field.
9. To maintain a qualified and dedicated faculty who actively pursues excellence in teaching.

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

Table 1: Program Objectives Assessment

S #	Objective	How Measured	When Measured	Improvement Identified	Improvement made
1	Development of a sound and dynamic teaching system.	Based on identification of latest technologies in the field of information technology and their technical and industrial importance	It is a regular process as per requisite	Techniques of guidelines are required to be improved	Techniques regarding research and field practices developed and dissemination to the students.
2	Designing and updating the curricula	Assessing the previous understanding of students through entry tests and student response	At the end of each semester	Various basic subjects are required to be incorporated in the syllabus	Improvement of courses as per requisite
3	well equipped specialized computer labs	Assessing interest of students, students feed back	Before start of projects	Students to make presentations and reports	Presentations, seminars, communication skills development
4	Learn how to design and analyze software systems, etc.	Through including different development tools in different	During the semester	Related subjects to be	Enhancement of knowledge and vision

		courses.		recommended for studies	about the latest tools in the market.
5	Provide graduates the communication skills and responsible practice of their professions.	Through inclusion of communication skills and ethics related subjects	Continuous activity	There should be workshops and seminars related to communication s skills and ethics.	Seminars are scheduled.
6	Implementation of research projects	Through giving students task in latest technologies available in market.	Continuous activity.	The required resources should be provided.	Software and hardware are resources provided.
7	Students to become productive and responsible members of society.	Assessing students by giving them task related to the field.	During the second half of their degree.	Students should be provided with training for such tasks.	Coordinator has been assigned for handling such activities.
8	Research or graduate studies in the field.	Assessing students giving them survey report and research paper reviews.	In last year of their degree.	Students should be provided with adequate knowledge to study research papers.	Course curriculum redesigned to include research papers study.
9	Qualified and dedicated faculty for excellent teaching.	Through feedback from students about faculty.	At end of semester	Faculty assessment duration should be	More faculty hired.

				increased.	
--	--	--	--	------------	--

Program Outcomes

1. Demonstrate ability to understand and contribute to the scientific, mathematical, and theoretical foundations on which computer science and information technologies are built.
2. Explain and apply appropriate information technologies and employ appropriate methodologies to help an individual or organization achieve its goals and objectives.
3. Use and apply current and emerging technical concepts and practices in information technologies.
4. Demonstrate independent, critical thinking and problem-solving competencies by being able to analyze, identify and define the requirements that must be satisfied to address problems or opportunities faced by organizations or individuals.
5. Anticipate the importance of research by being aware of basic research artifacts such as the structure of a research paper, brainstorming.
6. Demonstrate practical hands-on expertise in selection, installation, customizing and maintenance of the state-of-the-art computing infrastructure.
7. Demonstrate understanding of the social and ethical concerns of the practice of Information Technology.
8. Demonstrate the ability to work cooperatively in teams.
9. Demonstrate effective communication skills.

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 shows that the outcomes of the program are aligned with each objective

Table 2: Program outcomes and their relationship with objectives

		Objectives								
Outcomes		1	2	3	4	5	6	7	8	9
	1	+++	+	++	+++	++	++	+++	++	++
	2	+	+	+	++	++	+	++	++	+
	3	++	++	++	+++	+	++	+++	+	++
	4	+	+++	+	++	++	++	+	+++	+
	5	++	+++	++	+++	++	++	++	+	++
	6	+	++	+	++	+	++	+	++	+
	7	+	++	+++	++	++	++	++	+++	+++
	8	++	++	++	+	+	++	+	++	+
	9	++	++	+++	++	++	+++	++	+	+++

+ = Moderately satisfactory

++ = Satisfactory

+++ = Highly satisfactory

Program Assessment Results

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

Teacher Evaluation

The subsequent evaluation deal with student's perspective of the teacher who taught courses of BSIT. The results are graphically presented in the figure below. The overall compiled results showed that Ms. Aisha Umair has scored 75%, Muhammad Nazir has scored 79%, Mr. Syed Mushhad Gillani has scored 81%, Ms. Bushra Hamid has scored 74%, Mr. Yasir Hafeez has scored 80%, Mr. Muhammad Ramzan has scored 83%, Mr. Nasir Mehmood Minhas has scored 81%, Ms. Fakhra Mushtaq has scored 73%, Mr. Shahzad Saqib Malik has scored 82%, Dr. Nawazish Naveed has scored 84%, Ms. Rubina Ghazal has scored 75%, Mr. Sheeraz Akram has scored 76%, Mr. M Shabbir Hassan has scored 75% and Dr. Muhammad Shaheen has scored 80%. The grading of other teachers can be seen from the graph, their comparison is shown in the figure below:

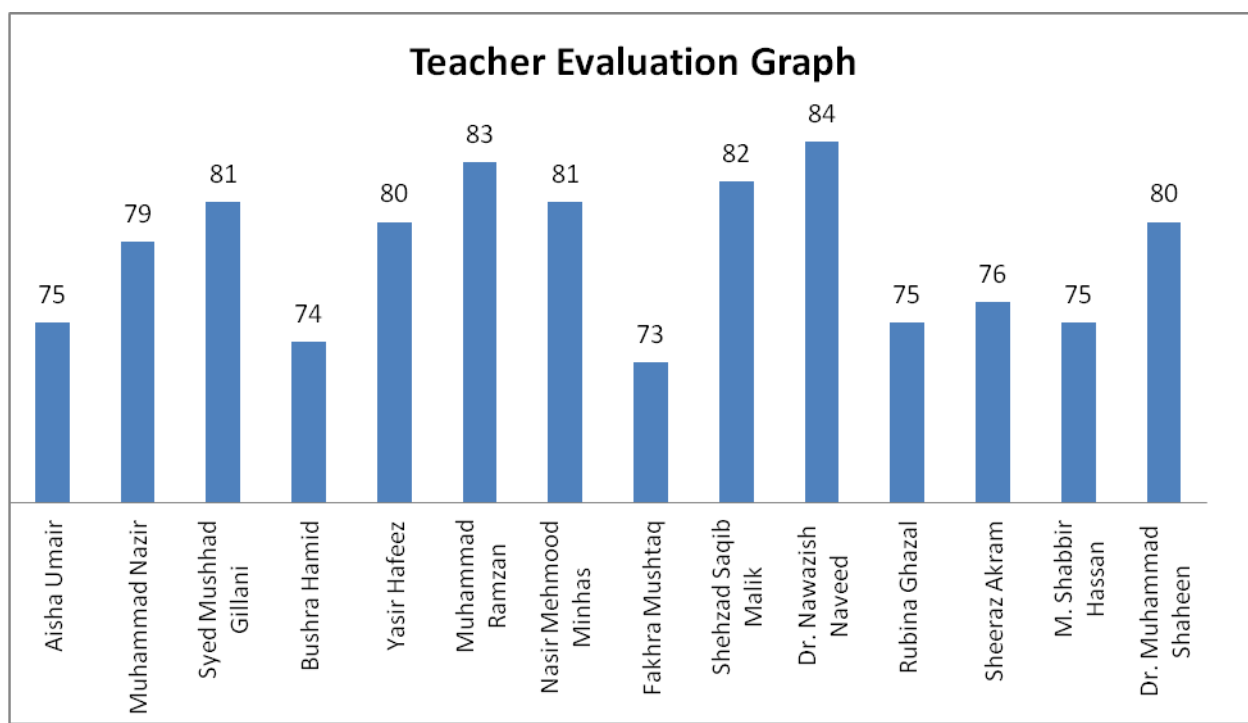


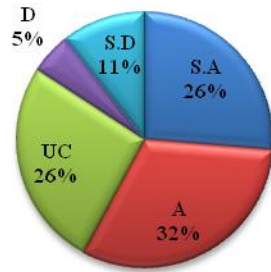
Figure 1: Teacher Evaluation

A detail of individual performance of each teacher is obvious from the pie charts given below:

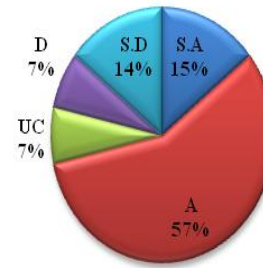
Ms.Aisha Umair (CS-582)

The graph for “The instructor is prepared for each class”, shows that 26% are strongly agreed, 32% are agreed, 26% are uncertain, 5% disagreed and 11% strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 42% are strongly agreed, 16% are agreed, 32% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 38% are strongly agreed, 24% are agreed, 28% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 28% are strongly agreed, 28% are agreed, 33% are uncertain, 5% disagreed and 6% strongly disagreed.

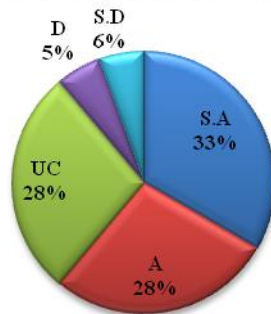
The Instructor is prepared for each class



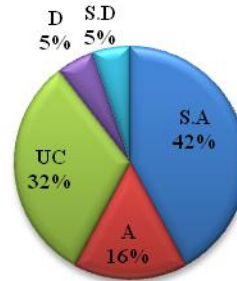
The Instructor demonstrates knowledge of the subject



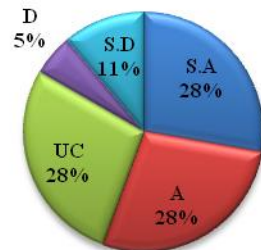
The Instructor has completed the whole course



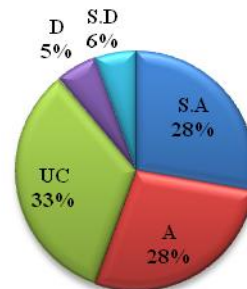
The Instructor provides additional material apart from text



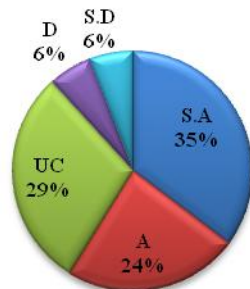
The Instructor gives citations regarding current situations With reference to Pakistani context



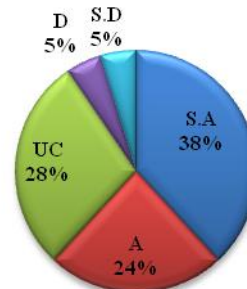
The Instructor communicates the subject matter effectively

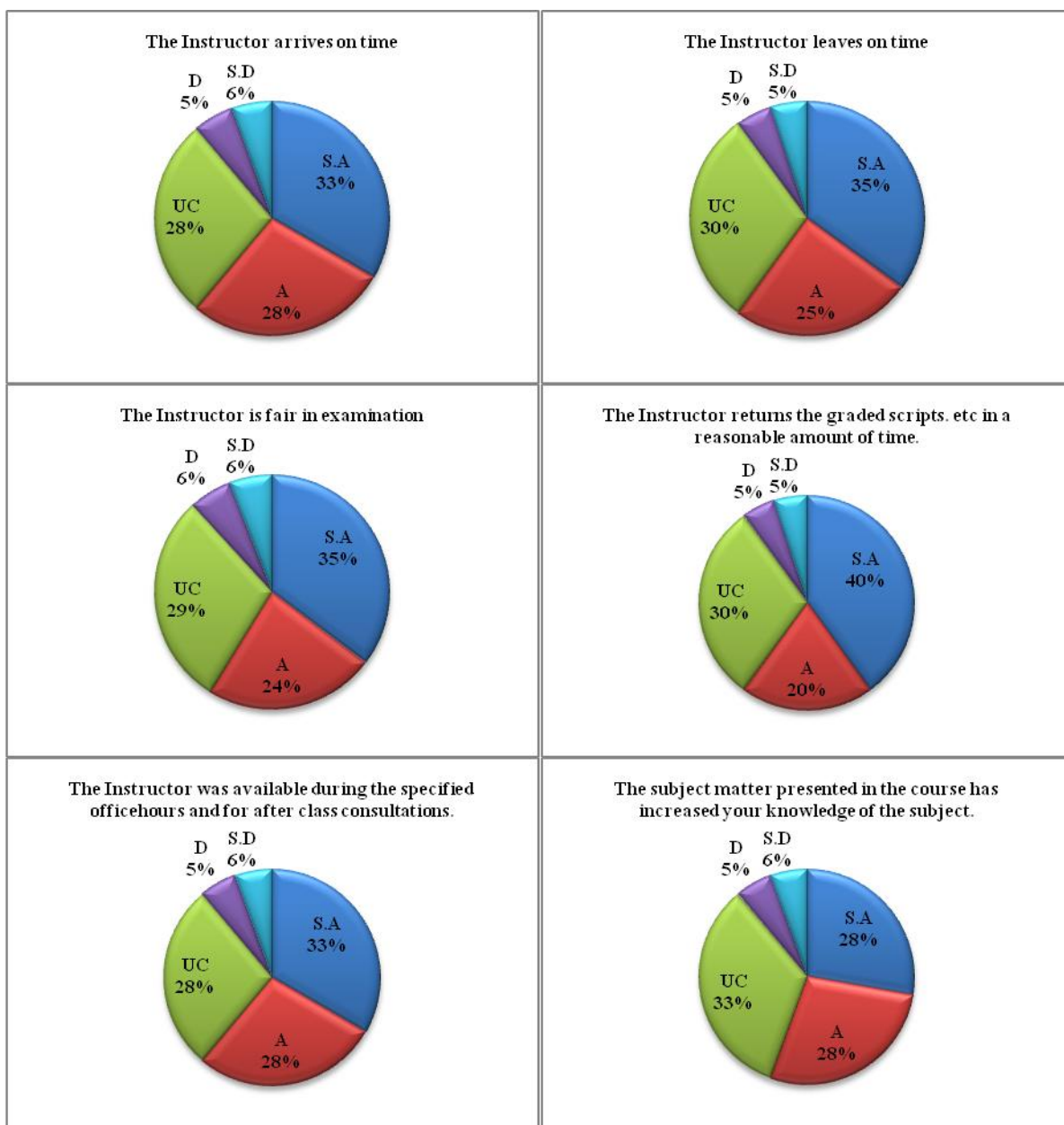


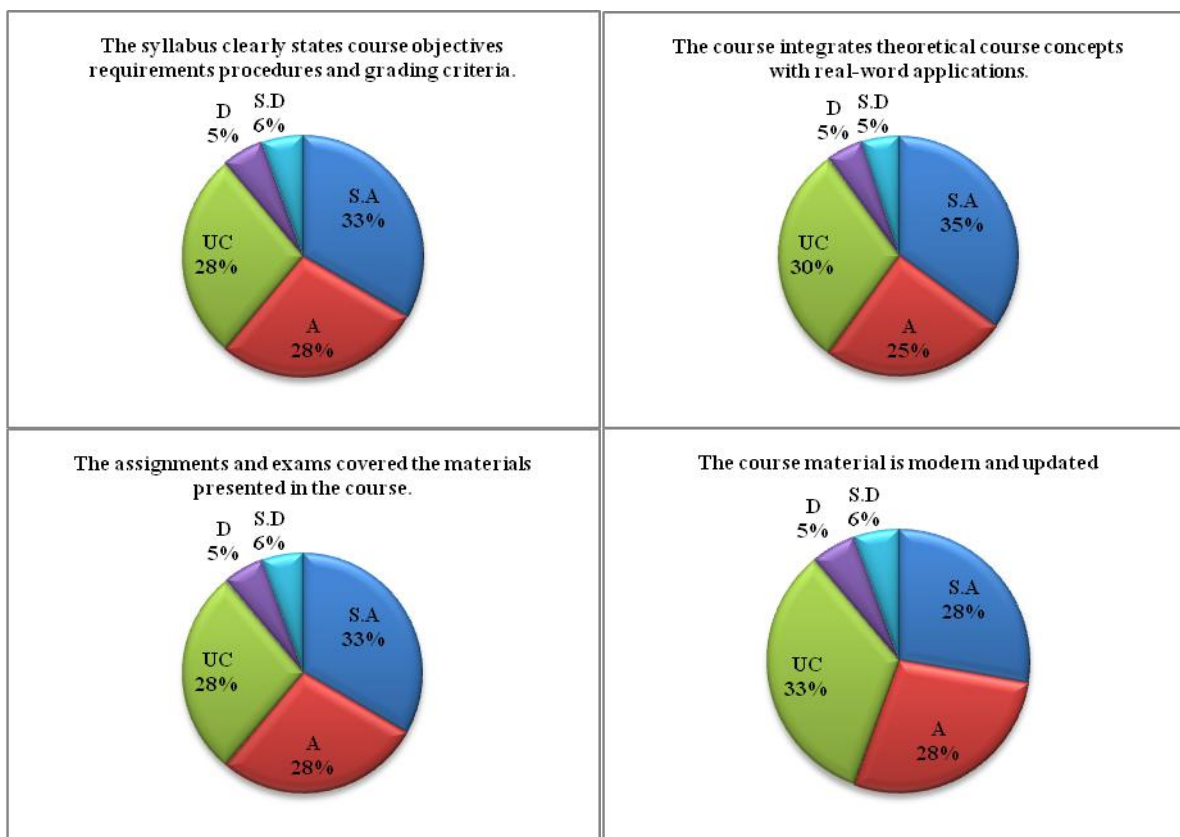
The Instructor shows respect towards students and encourages class participation.



The Instructor maintains an environment that is conducive to learning.







General Comments of the Students about the Teacher

Strength:

- Course material available
- Course objectives clear
- Good knowledge of the subject

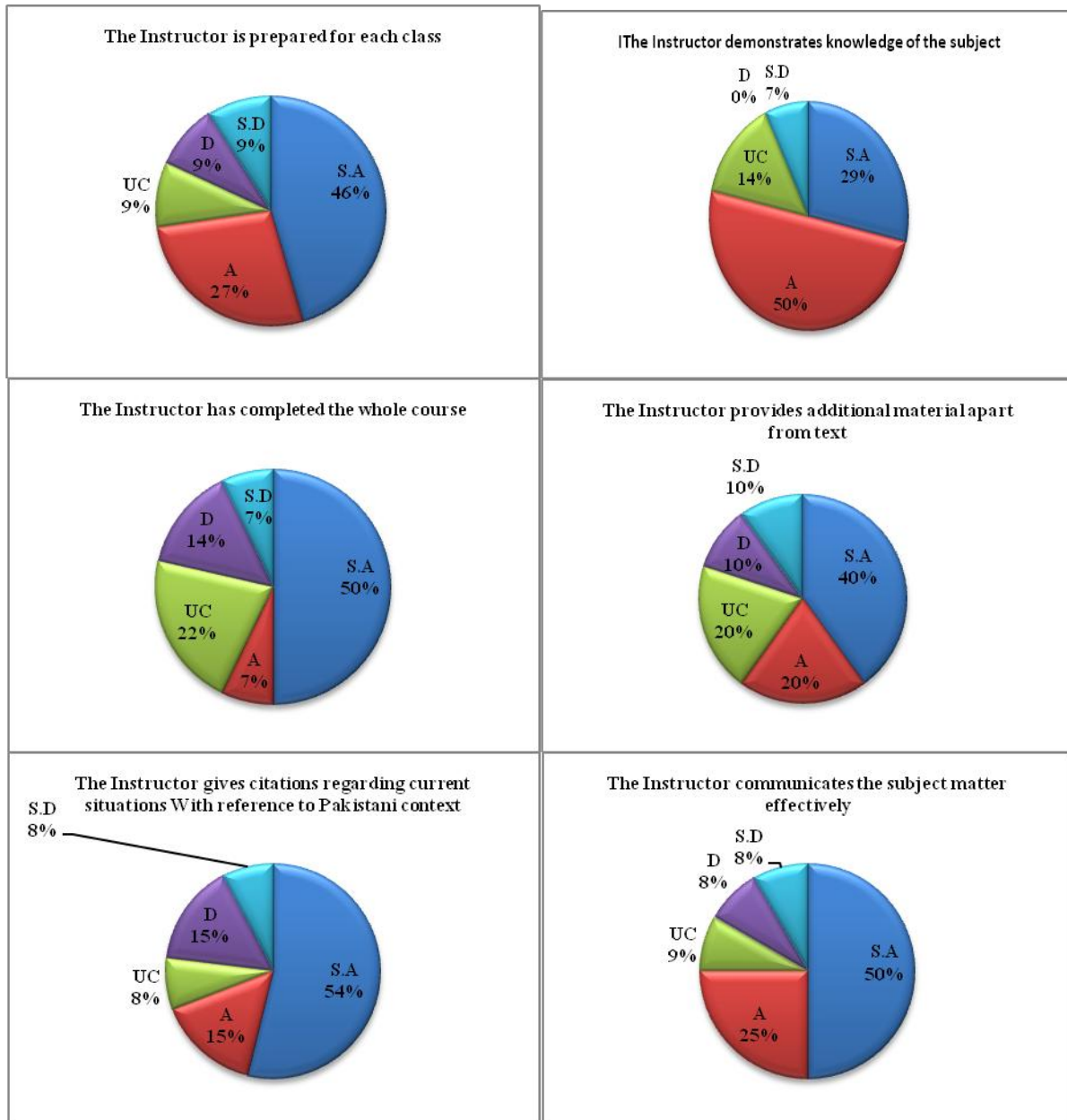
Weakness:

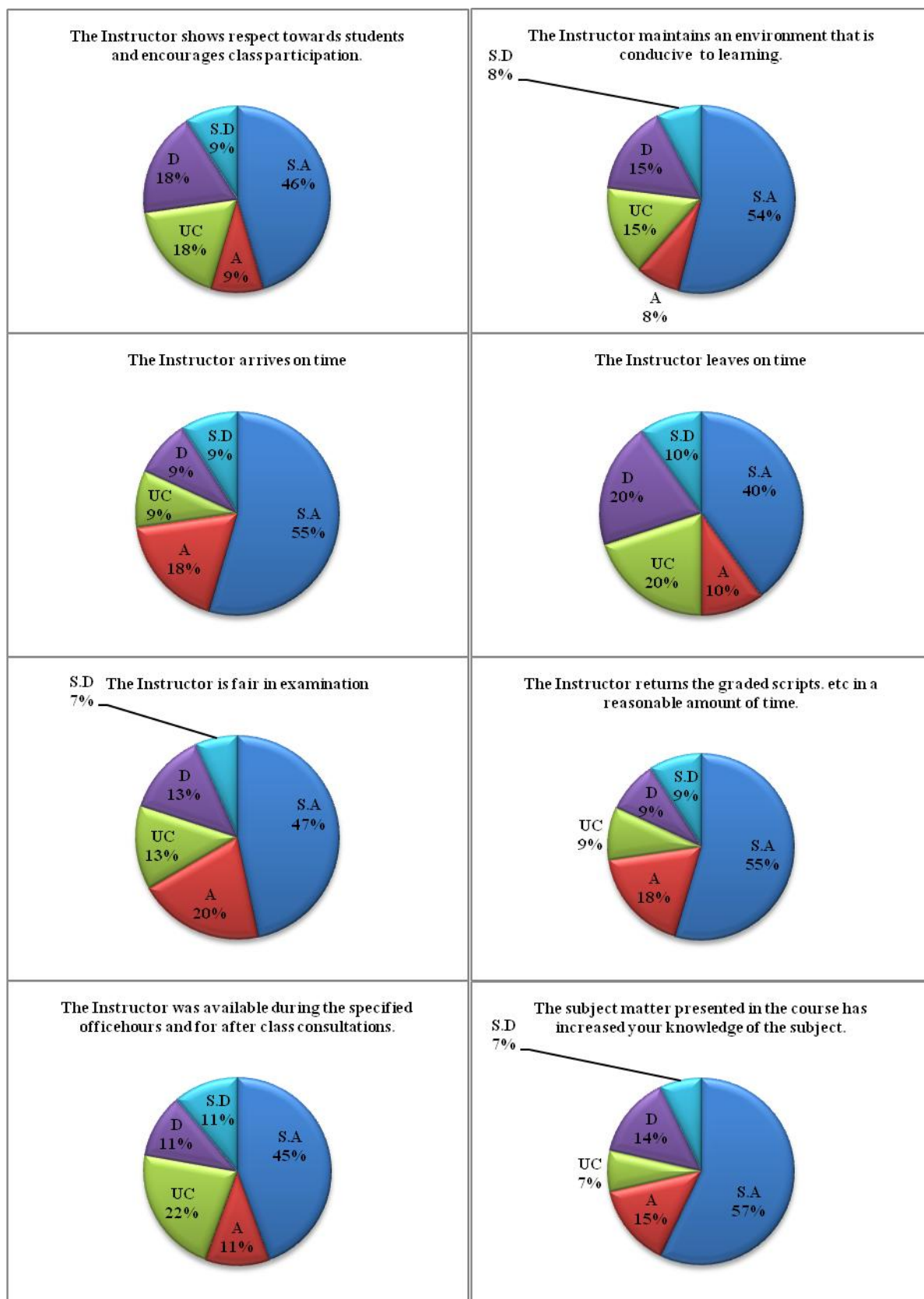
- Should add a real world example

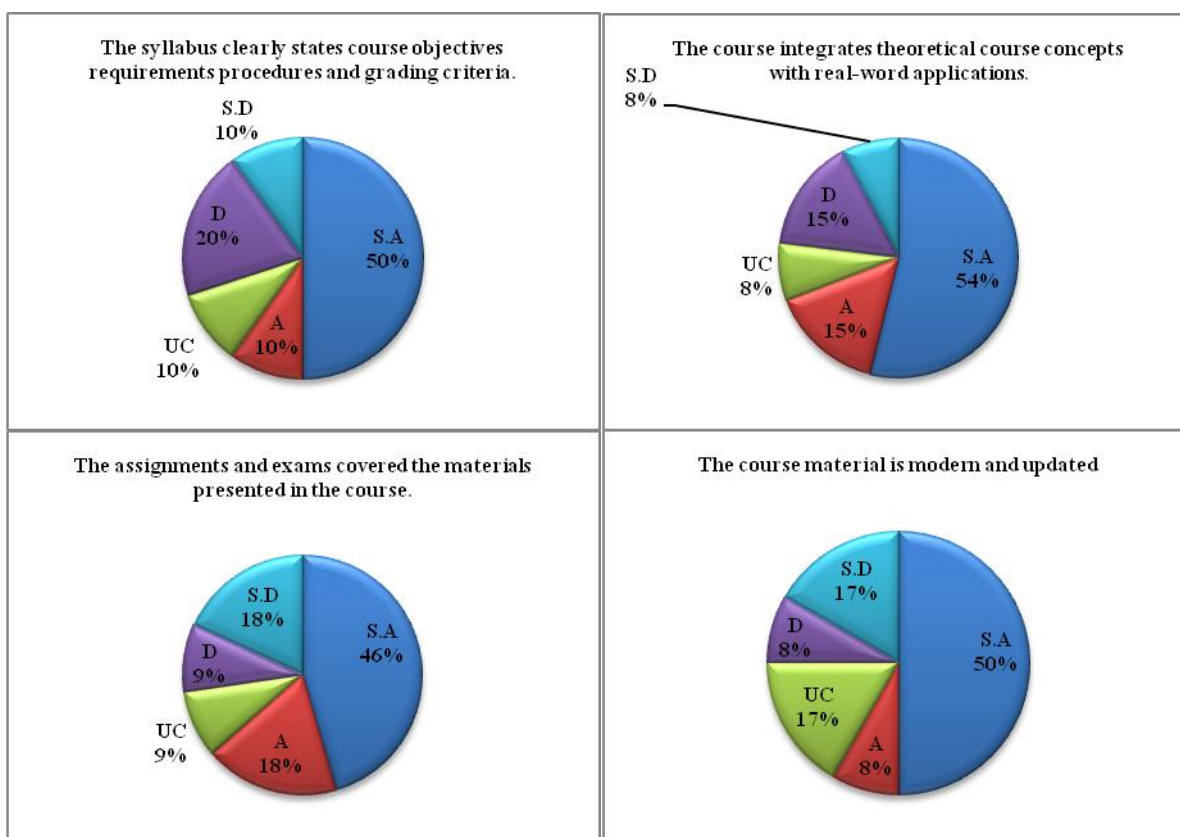
Mr. Muhammad Nazir (CS-443)

The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 46% are strongly agreed, 27% are agreed, 9% are uncertain, 9% disagreed and 9% strongly disagreed. The graph for ” The Instructor provides additional material apart from text”, shows that 40% are strongly agreed, 20% are agreed, 20% are uncertain, 10% disagreed and 10% strongly disagreed. The graph for “The Instructor maintains an environment that is

conducive to learning”, shows that 54% are strongly agreed, 8% are agreed, 15% are uncertain, 15% disagreed and 8% strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 57% are strongly agreed, 15% are agreed, 7% are uncertain, 14% disagreed and 7% strongly disagreed.







General Comments of the Students about the Teacher

Strength:

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

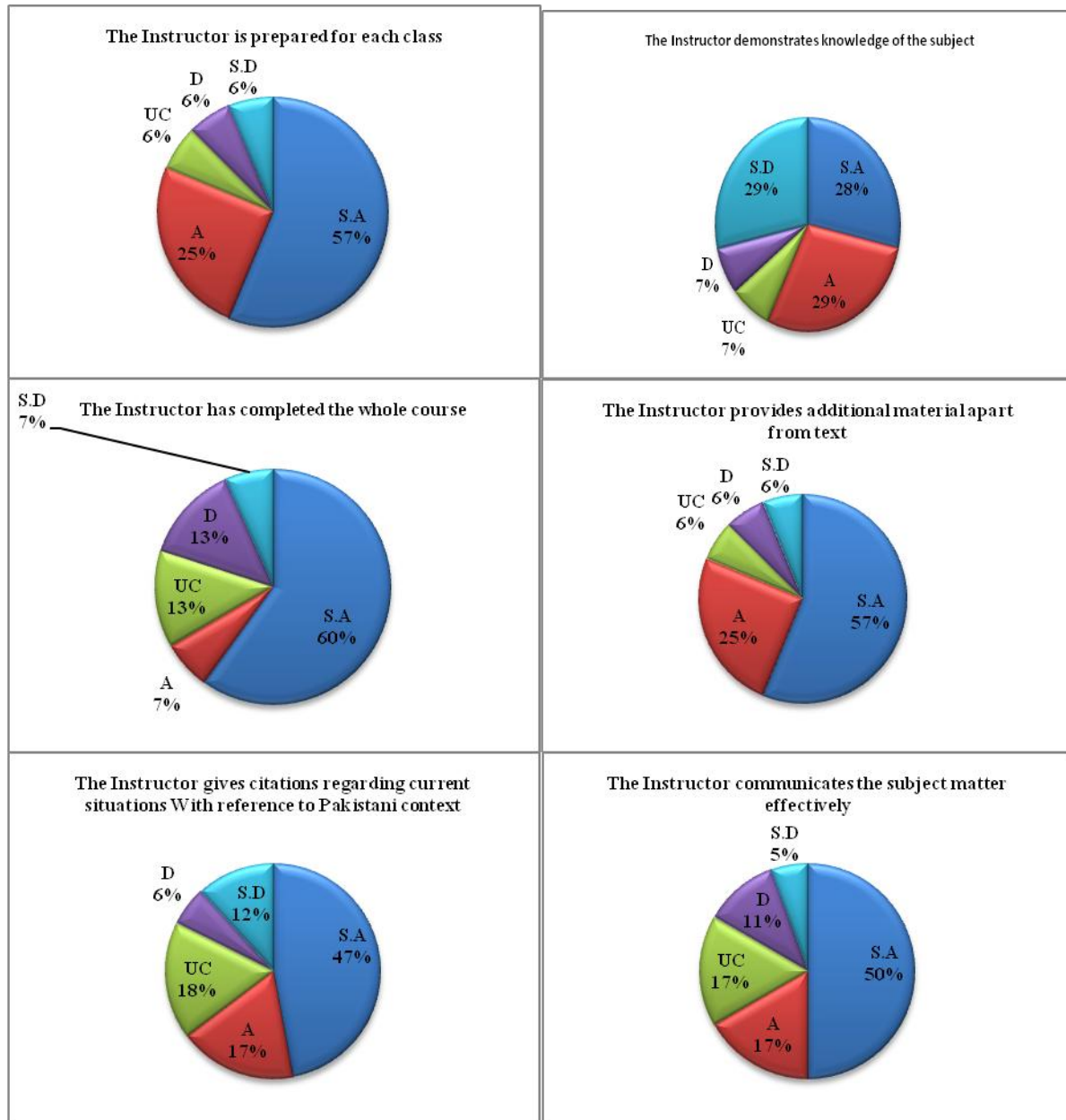
Weaknesses:

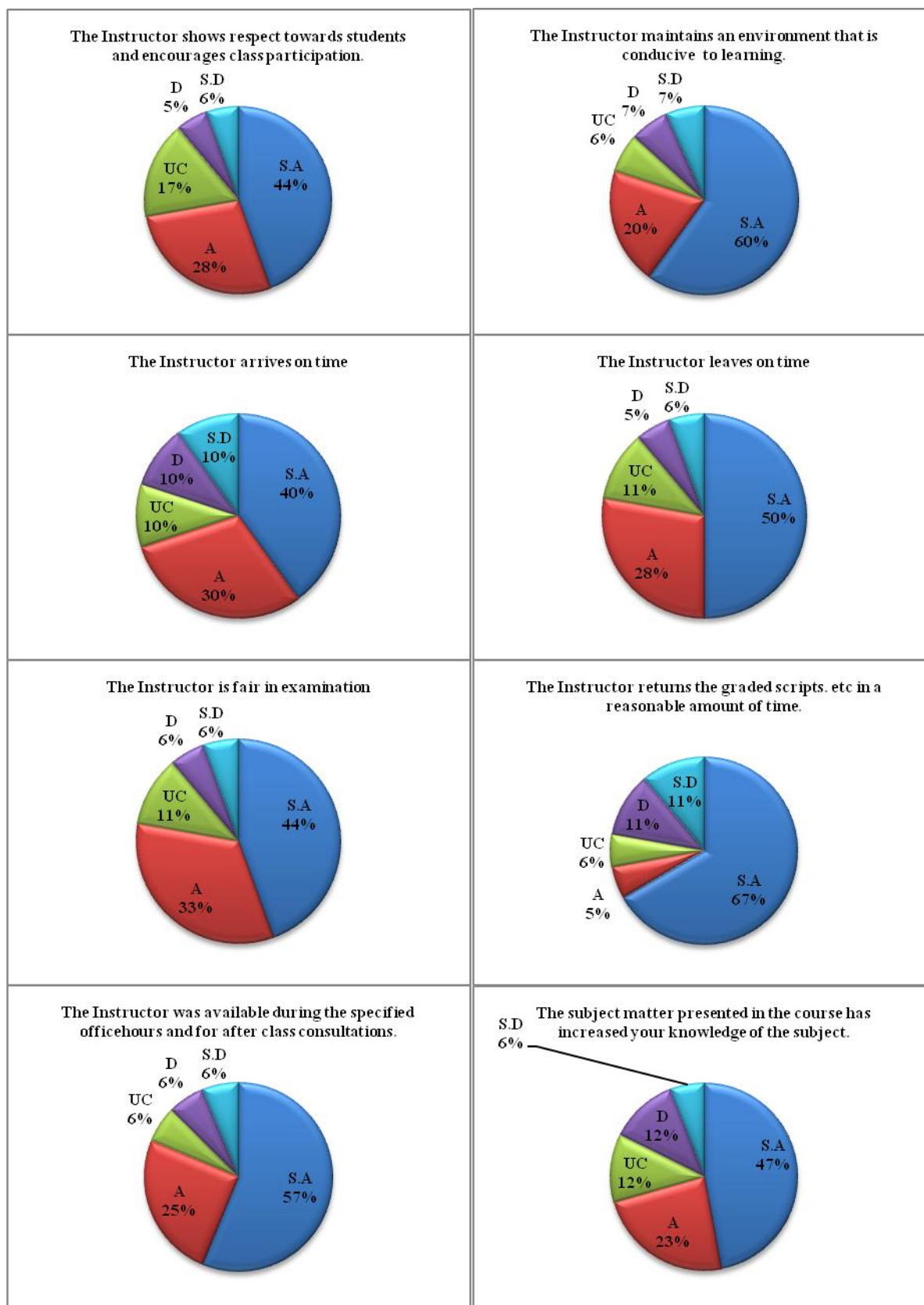
- Course material should be more updated
- The teacher should be available to students for extra help.

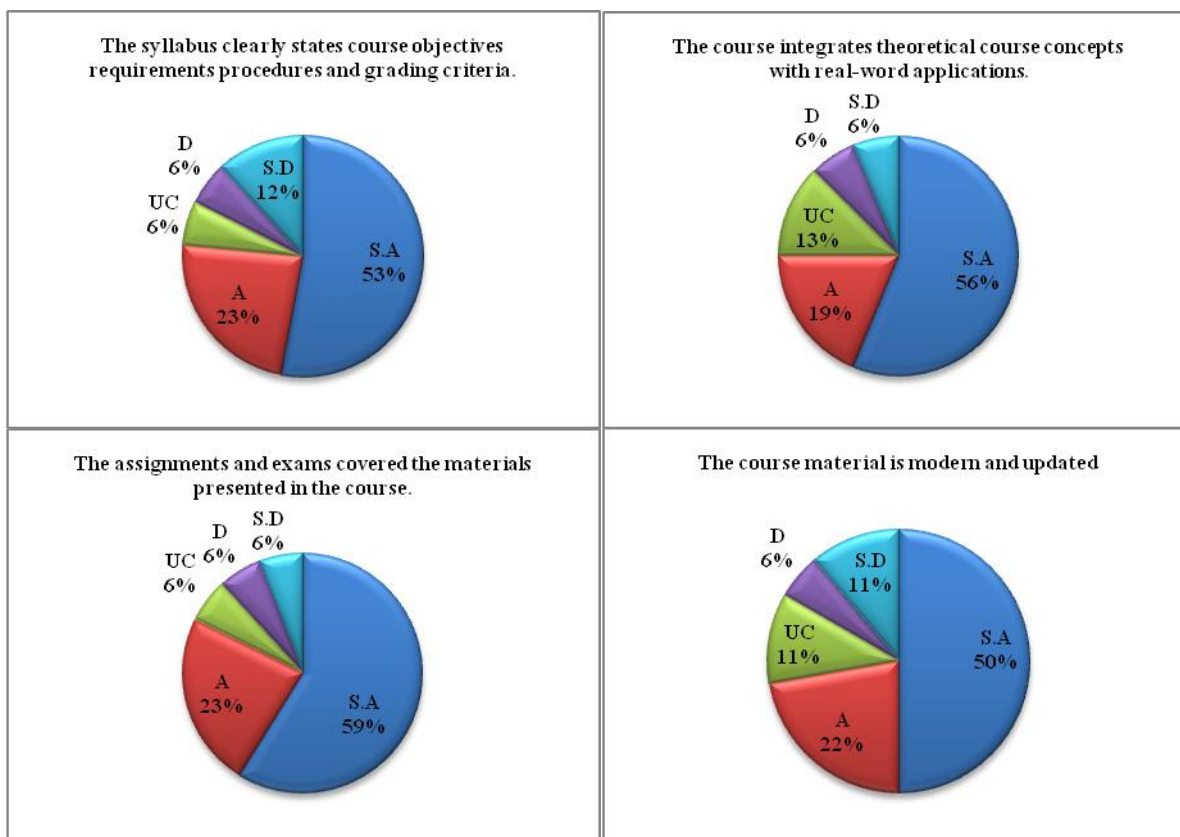
Mr. Syed Mushhad Gillani (CS-443)

The graph for “The instructor is prepared for each class”, shows that 57% are strongly agreed, 25% are agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The Instructor provides additional material apart from text”, shows that 57% are strongly agreed, 25% are agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning”, shows that 60% are strongly agreed, 20% are agreed, 6% are uncertain, 7% disagreed and 7% strongly disagreed. The graph

for “The subject matter presented in the course has increased your knowledge of the subject” shows that 47% are strongly agreed, 23% are agreed, 12% are uncertain, 12% disagreeing and 6% strongly disagreed.







General Comments of the Students about the Teacher

Strength:

- Well prepared
- Punctual
- Fair in examinations

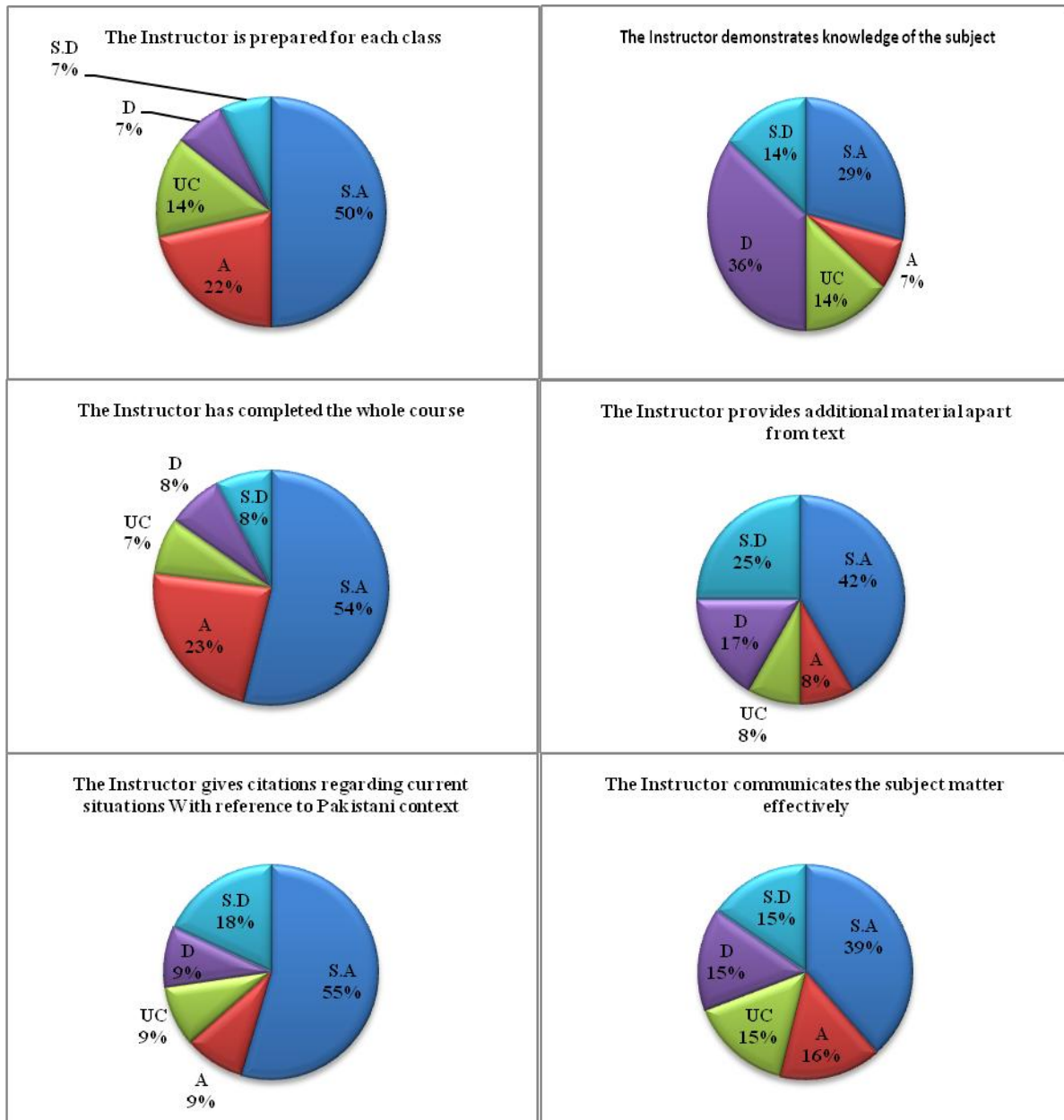
Weakness:

- The syllabus needs improvements

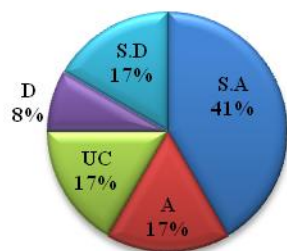
Ms. Bushra Hamid (CS-465)

The graph for “The instructor is prepared for each class”, shows that 50% are strongly agreed, 22% are agreed, 14% are uncertain, 7% disagreed and 7% strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 42% are strongly agreed, 8% are agreed, 8% are uncertain, 17% disagreed and 25% strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning”, shows that 31% are strongly agreed, 23% are agreed, 16% are uncertain, 15% disagreed and 15% strongly disagreed.

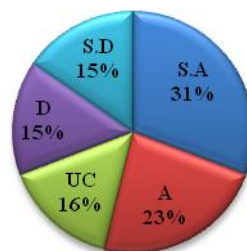
The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 50% are strongly agreed, 12% are agreed, 19% are uncertain, 6% disagreed and 13% strongly disagreed.



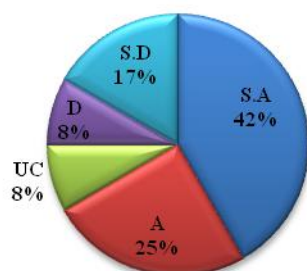
The Instructor shows respect towards students and encourages class participation.



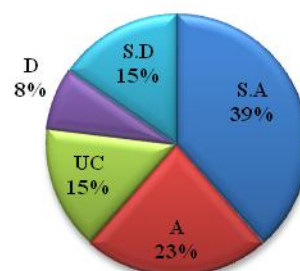
The Instructor maintains an environment that is conducive to learning.



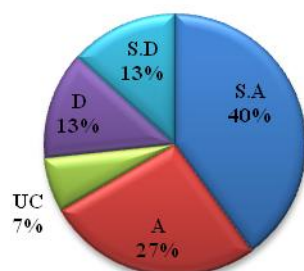
The Instructor arrives on time



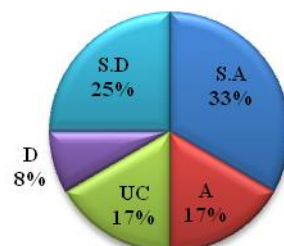
The Instructor leaves on time



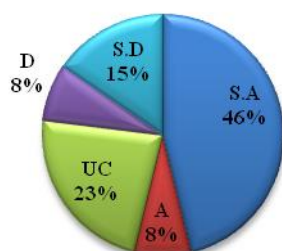
The Instructor is fair in examination



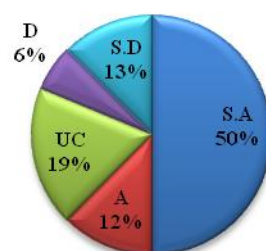
The Instructor returns the graded scripts, etc in a reasonable amount of time.

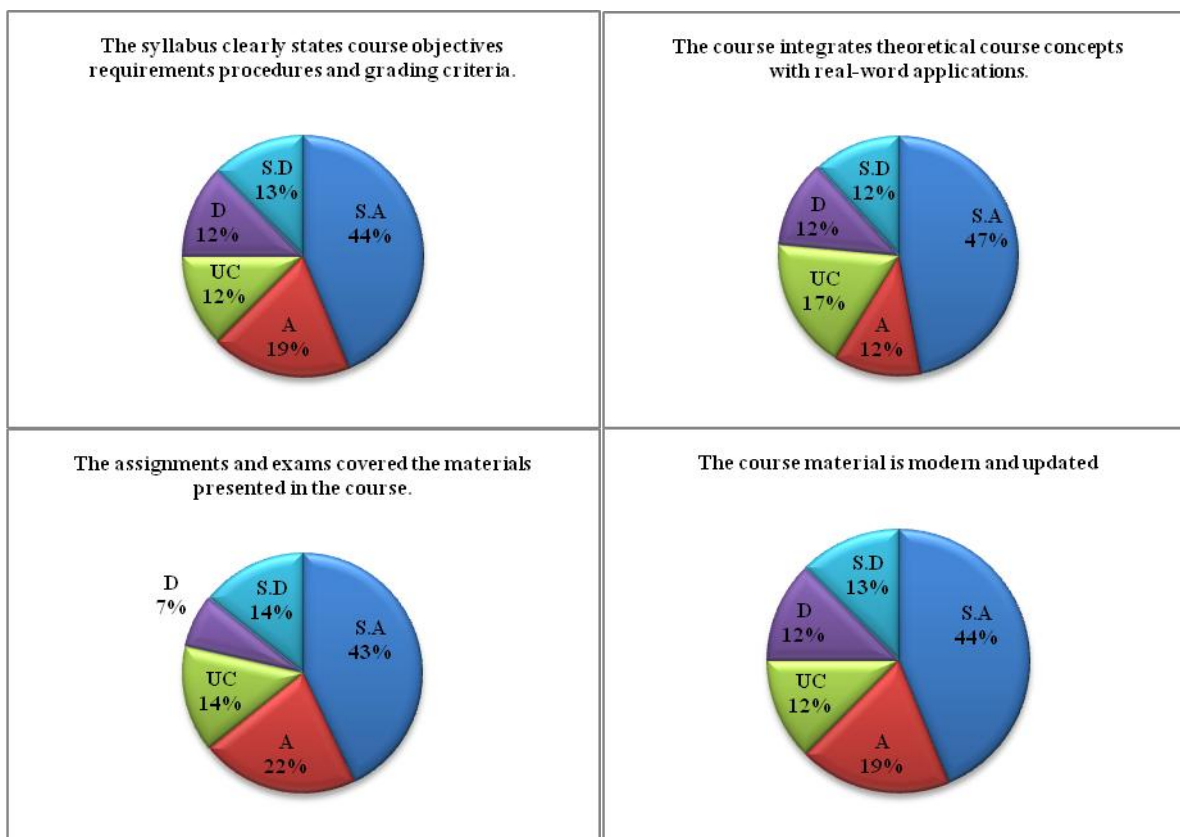


The Instructor was available during the specified officehours and for after class consultations.



The subject matter presented in the course has increased your knowledge of the subject.





General Comments of the Students about the Teacher

Strength:

- Comprehensive course material
- Well presented
- Good Teaching method

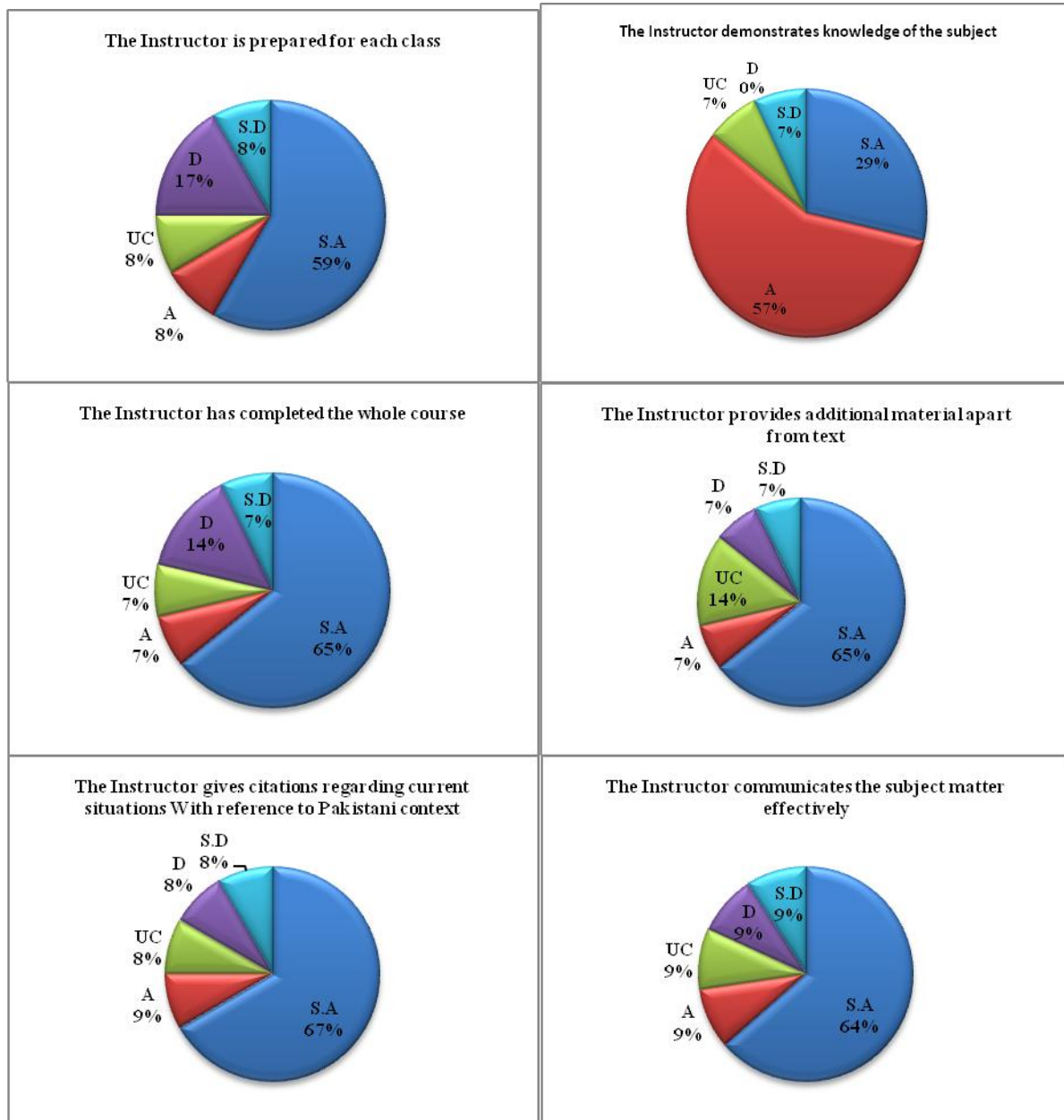
Weakness:

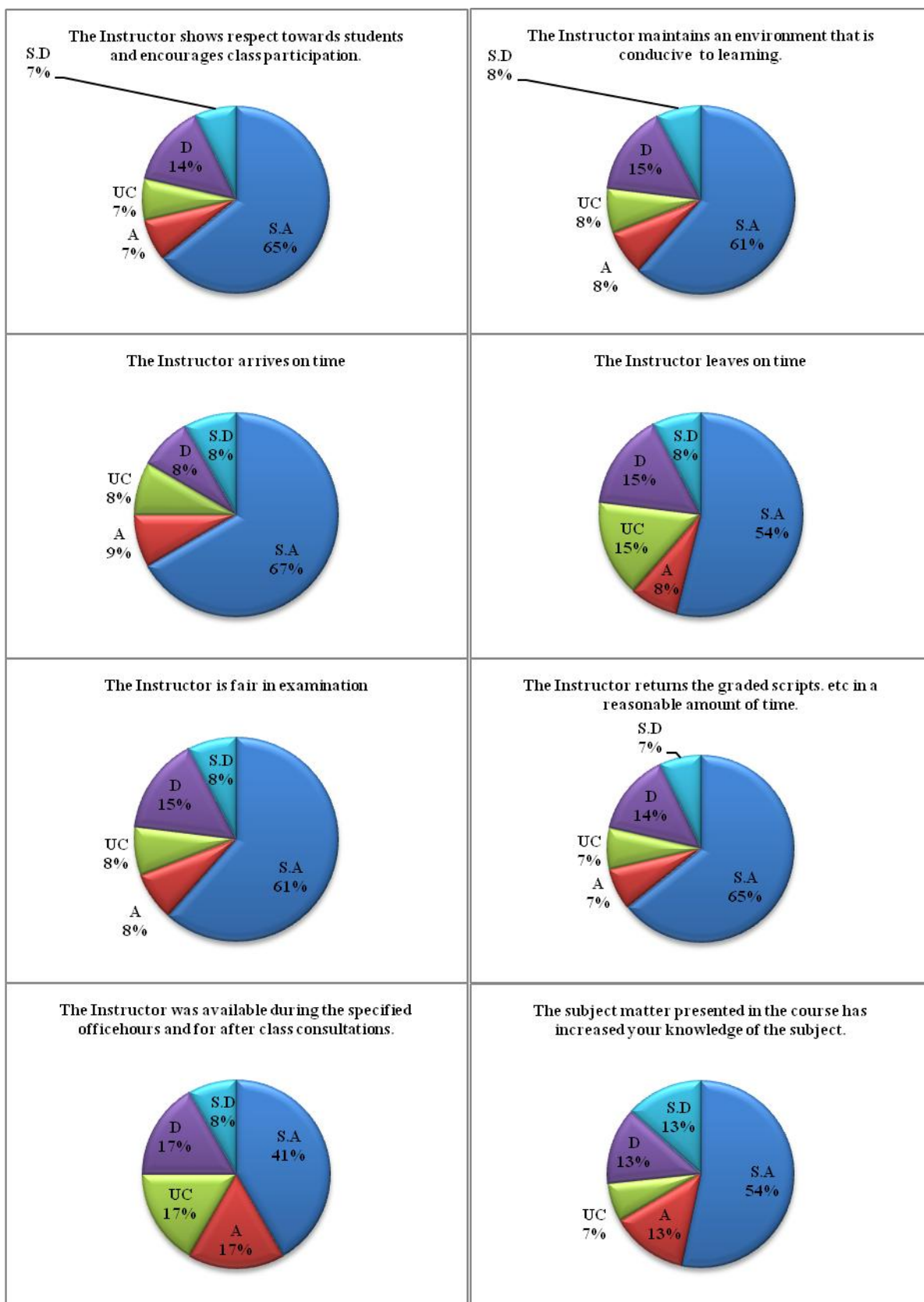
- The instructor should be more responsive to students

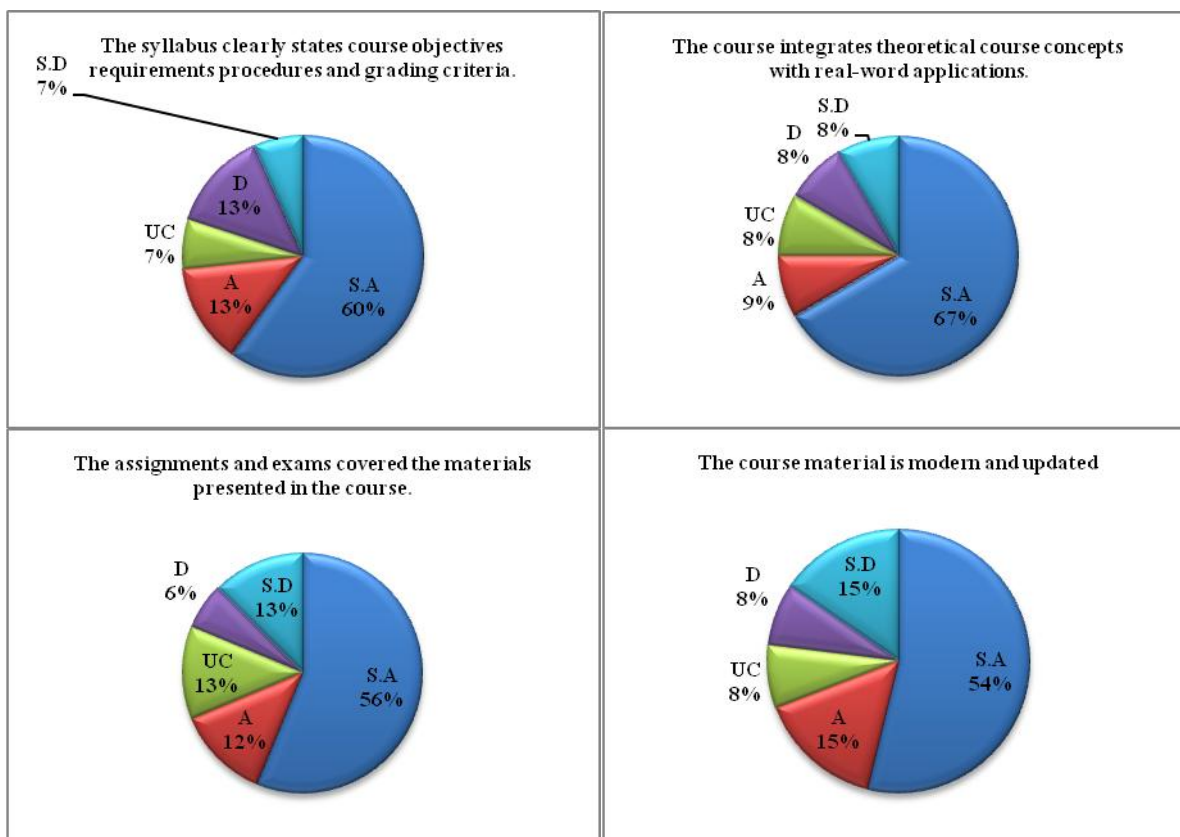
Mr. Yasir Hafeez (CS-565)

The graph for “The instructor is prepared for each class”, shows that 59% are strongly agreed, 8% are agreed, 8% are uncertain, 17% disagreed and 8% strongly disagreed. “The Instructor provides additional material apart from text”, shows that 65% are strongly agreed, 7% are agreed, 14% are uncertain, 7% disagreed and 7% strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning”, shows that 61% are strongly

agreed, 8% are agreed, 8% are uncertain, 15% disagreed and 8% strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 54% are strongly agreed, 13% are agreed, 7% are uncertain, 13% disagreed and 13% strongly disagreed.







General Comments of the Students about the Teacher

Strength:

- Comprehensive course material
- Well Presented
- Good Teaching Method
- Take Quiz Weekly

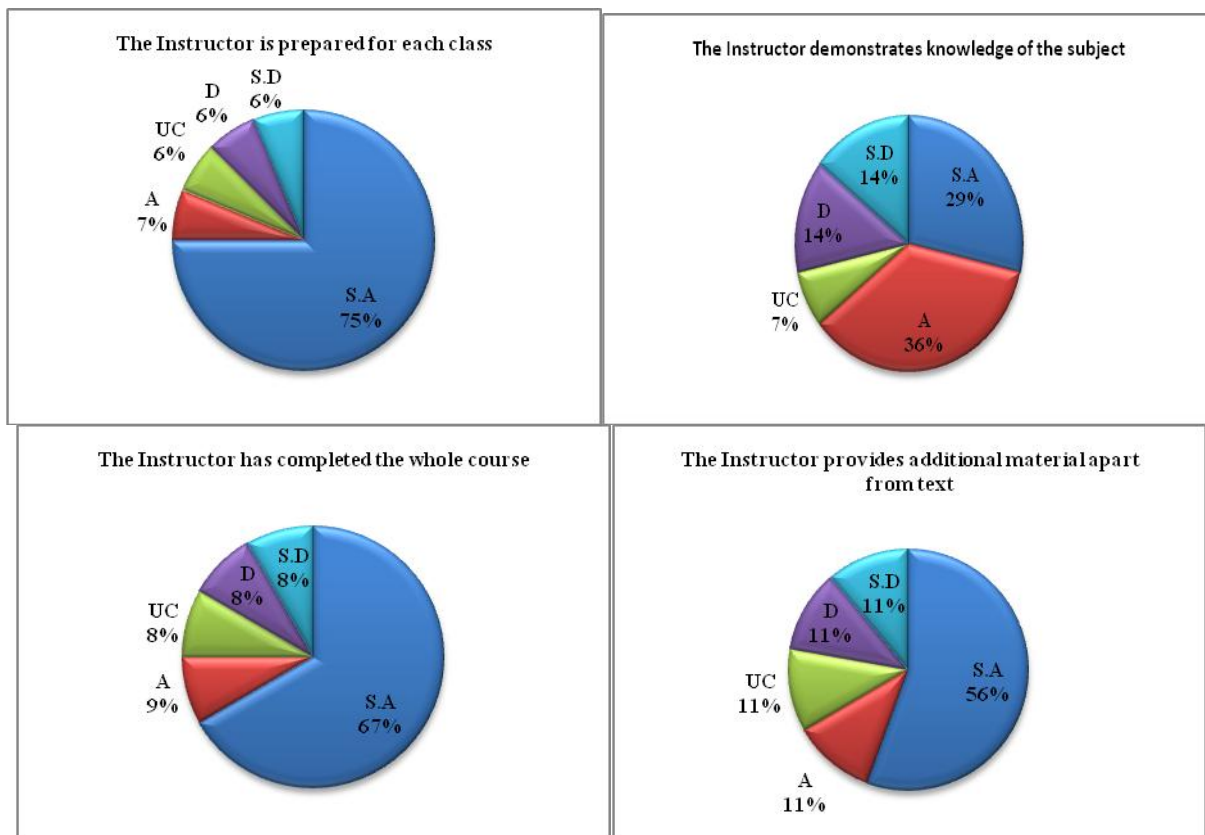
Weakness:

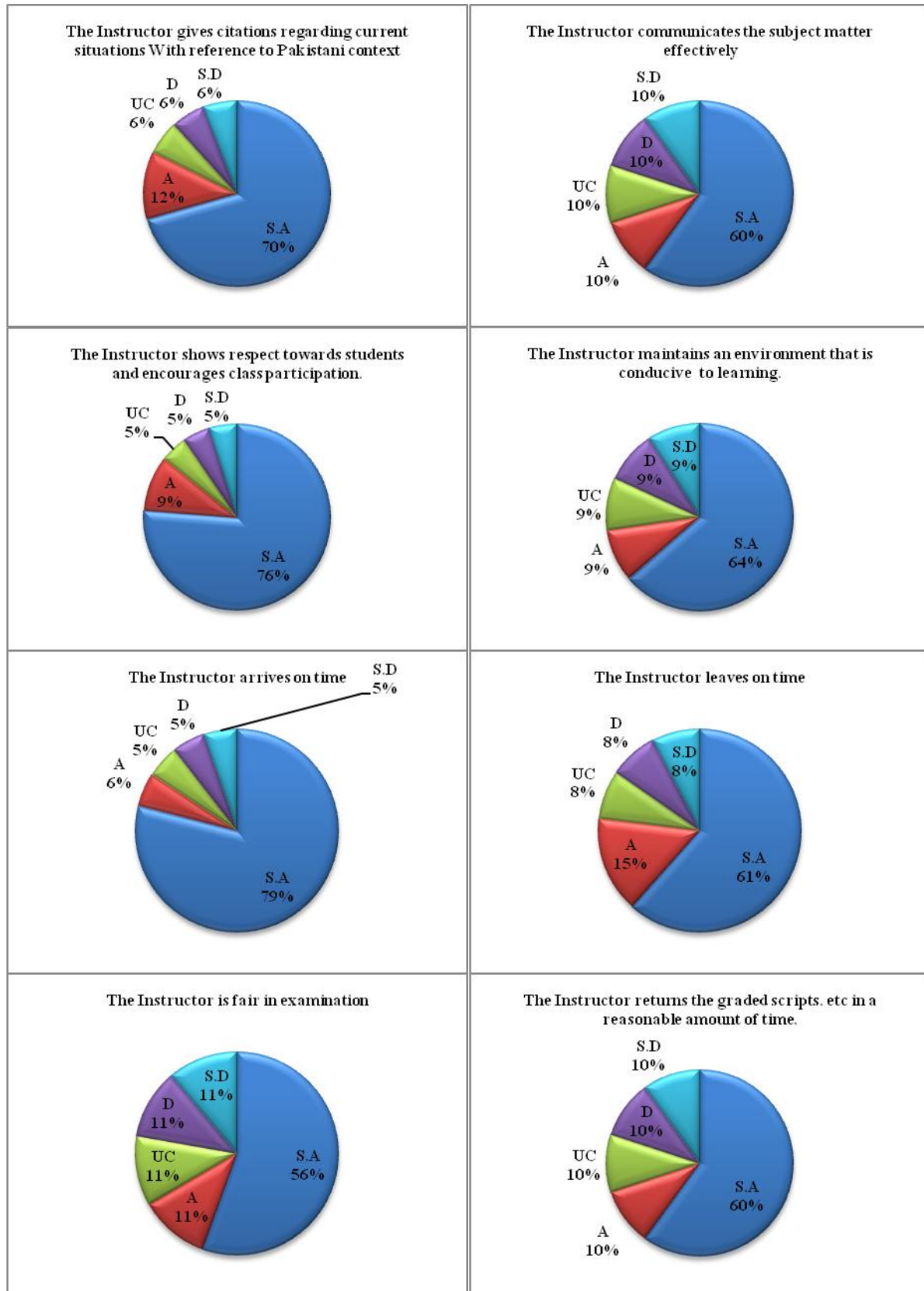
- The instructor should be more responsive to students
- More Workload
- Updated should be provided

Mr. Muhammad Ramzan (CS-552)

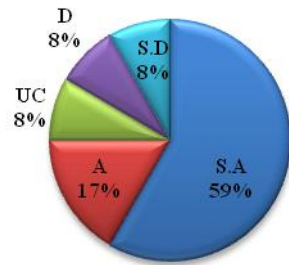
The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 75% are strongly agreed, 7% are agreed, 6% are uncertain, 6% disagreed and

6% strongly disagreed. The graph for “The instructor has completed the whole course”, shows that 67% are strongly agreed, 9% are agreed, 8% are uncertain, 8% disagreed and 8% strongly disagreed. The graph for “The instructor shows respect towards students”, shows that 76% are strongly agreed, 9% are agreed, 5% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The instructor is fair in examination”, shows that 56% are strongly agreed, 11% are agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The graph for “The instructor arrives on time”, shows that 79% are strongly agreed, 6% are agreed, 5% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The course material is modern and updated”, shows that 60% are strongly agreed, 10% are agreed, 10% are uncertain, 10% disagreed and 10% strongly disagreed. The graph for “The teacher returns graded scripts in a resonable amount of time”, shows that 60% are strongly agreed, 10% are agreed, 10% are uncertain, 10% disagreed and 10% strongly disagreed.

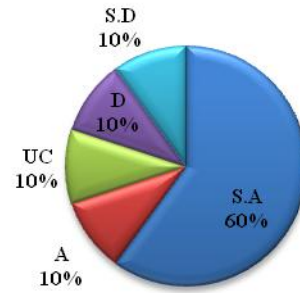




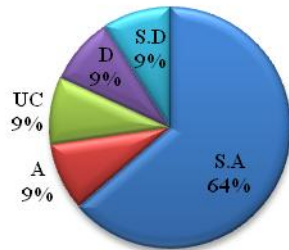
The Instructor was available during the specified officehours and for after class consultations.



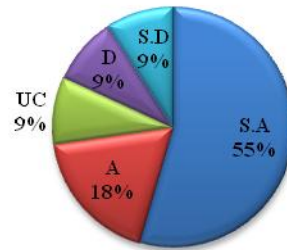
The subject matter presented in the course has increased your knowledge of the subject.



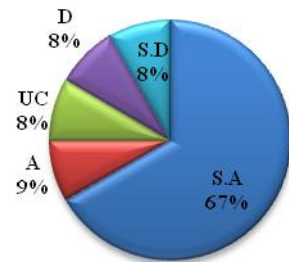
The syllabus clearly states course objectives requirements procedures and grading criteria.



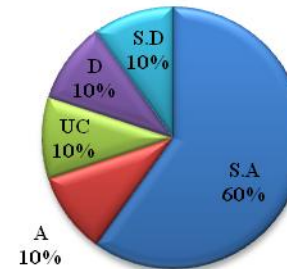
The course integrates theoretical course concepts with real-world applications.



The assignments and exams covered the materials presented in the course.



The course material is modern and updated



General Comments of the Students about this Teacher

Strengths:

- The teacher encourages students' participation.
- The teacher is prepared before delivering the lecture.
- The teacher is fair in marking.

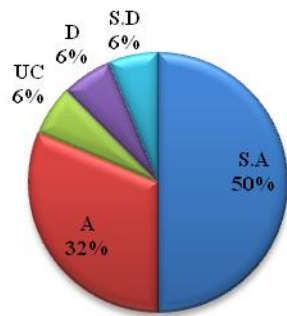
.Weaknesses:

- The teacher should include modern concepts in her lectures to increase student knowledge.
- Teacher should give time to the students after class for consultation.

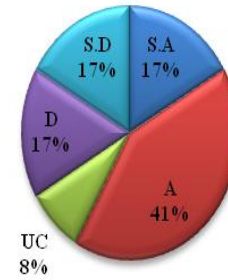
Mr. Nasir Mehmood Minhas (CS-582)

The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 50% are strongly agreed, 32% are agreed, 6% are uncertain, 6% disagreeing and 6% strongly disagreed. The graph for “The instructor has completed the whole course”, shows that 36% are strongly agreed, 22% are agreed, 14% are uncertain, 21% disagreed and 7% strongly disagreed. The graph for “The instructor shows respect towards students”, shows that 46% are strongly agreed, 31% are agreed, 7% are uncertain, 8% disagreed and 8% strongly disagreed. The graph for “The instructor is fair in examination”, shows that 42% are strongly agreed, 34% are agreed, 8% are uncertain, 8% disagreed and 8% strongly disagreed. The graph for “The instructor arrives on time”, shows that 53% are strongly agreed, 29% are agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The graph for “The course material is modern and updated”, shows that 50% are strongly agreed, 25% are agreed, 9% are uncertain, 8% disagreed and 8% strongly disagreed. The graph for “The teacher returns graded scripts in a reasonable amount of time”, shows that 57% are strongly agreed, 22% are agreed, 7% are uncertain, 7% disagreed and 7% strongly disagreed.

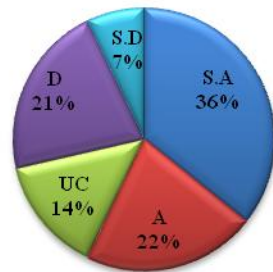
The Instructor is prepared for each class



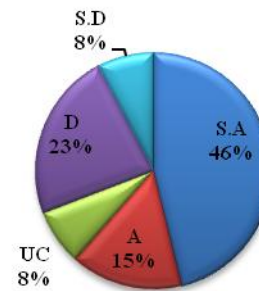
The Instructor demonstrates knowledge of the subject



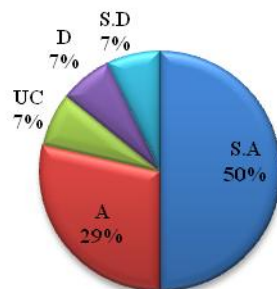
The Instructor has completed the whole course



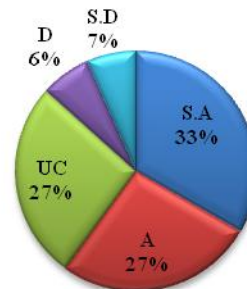
The Instructor provides additional material apart from text



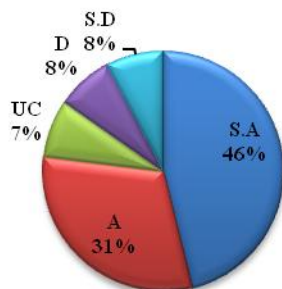
The Instructor gives citations regarding current situations With reference to Pakistani context



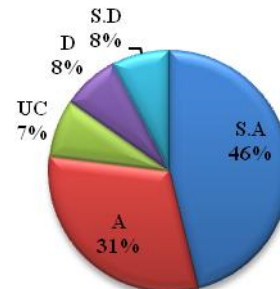
The Instructor communicates the subject matter effectively

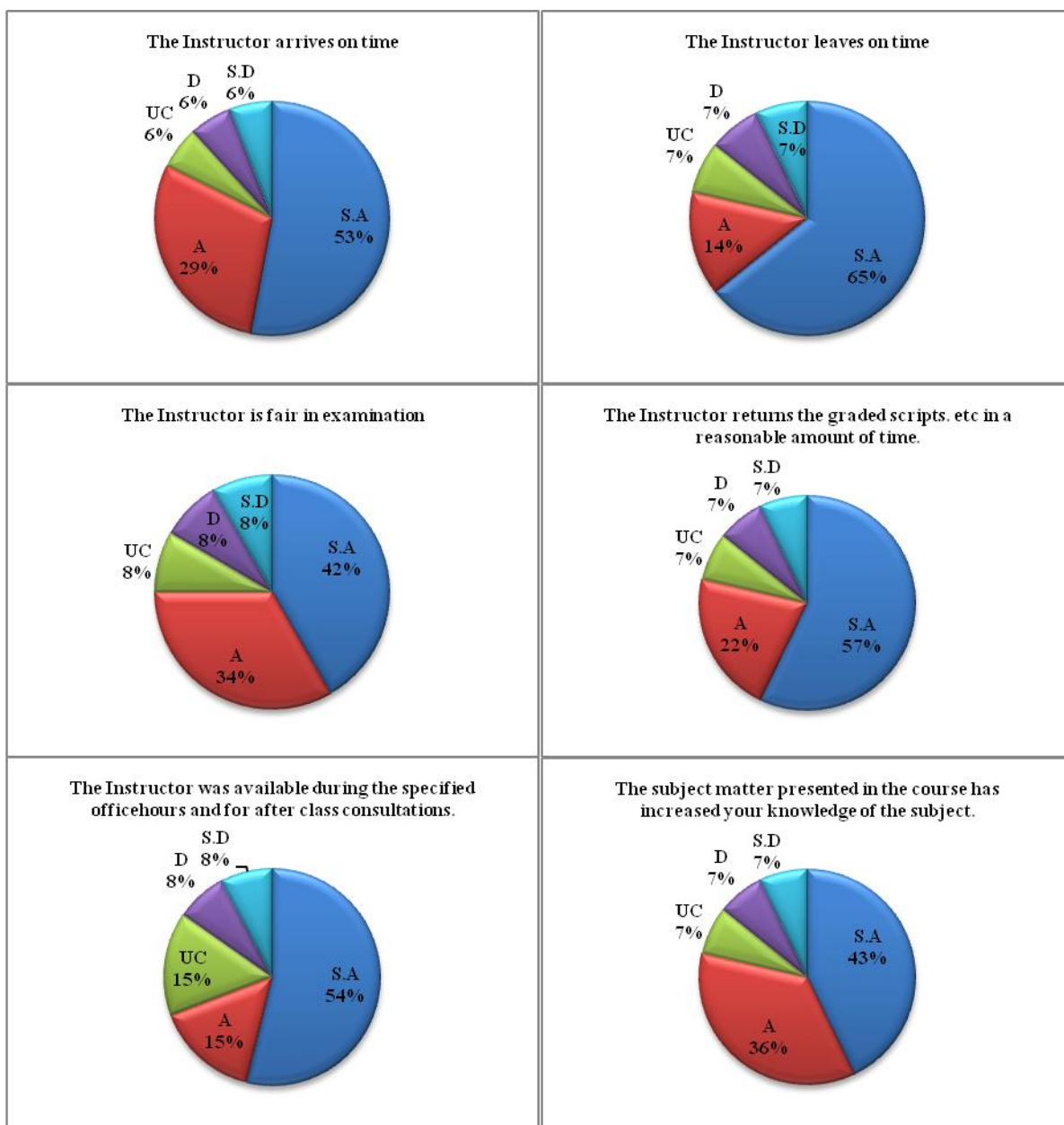


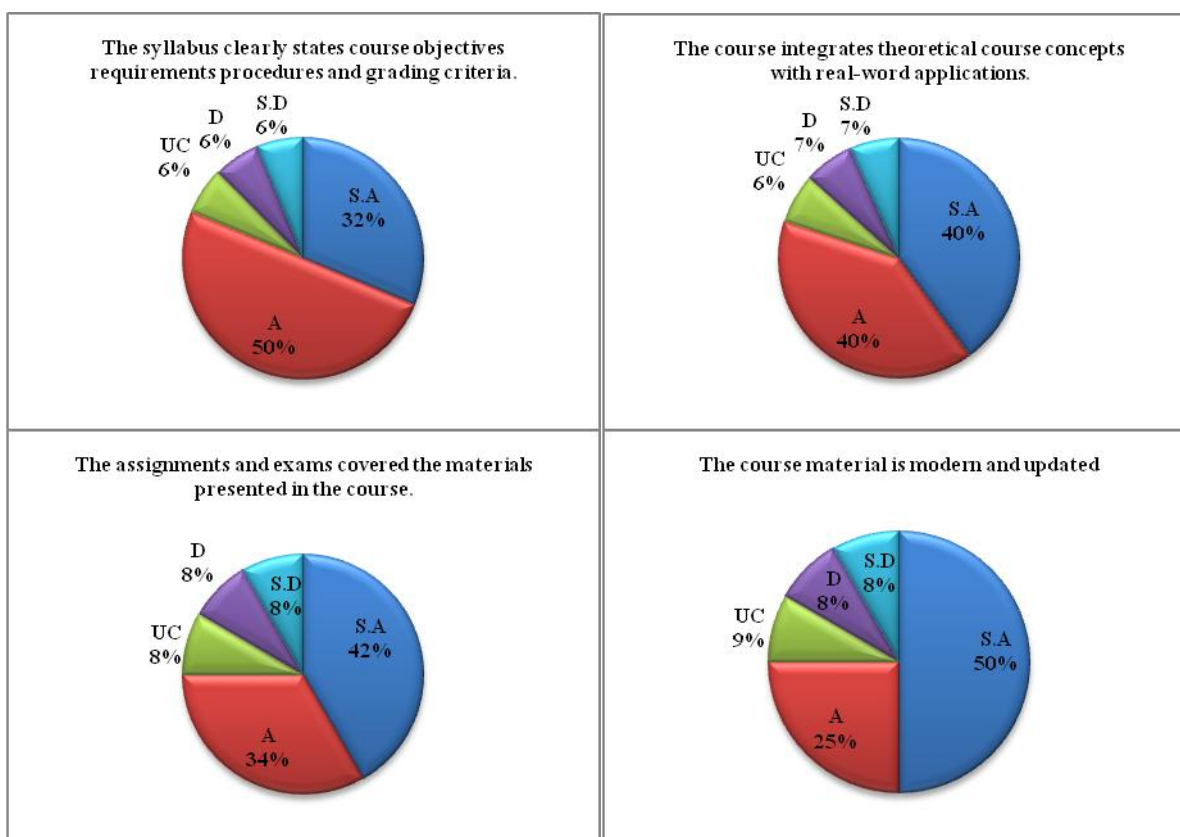
The Instructor shows respect towards students and encourages class participation.



The Instructor maintains an environment that is conducive to learning.







General Comments of the Students about this Teacher Strengths:

- The teacher encourages students' participation and gives respect to students.
- The teacher is punctual and fair in marking.

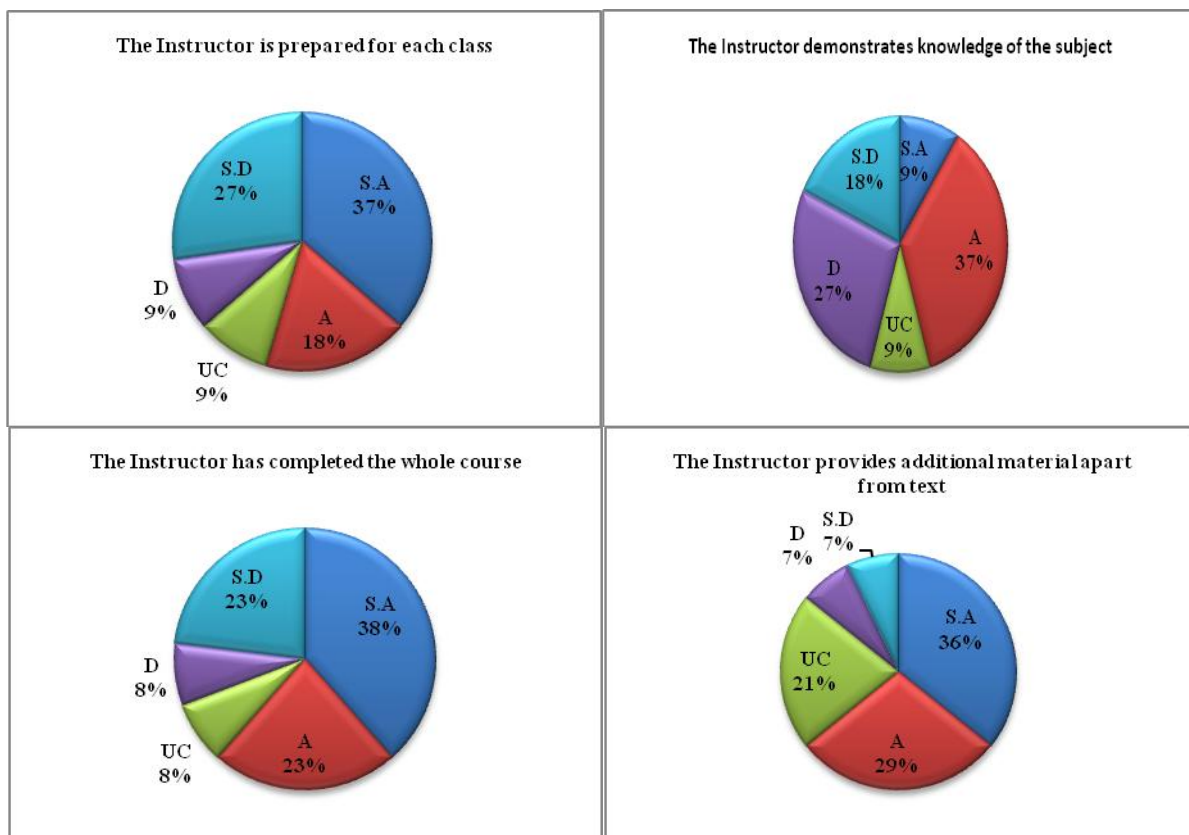
Weaknesses:

- The teacher should include modern concepts in her lectures to increase student knowledge.
- The teacher has not covered the syllabus completely.

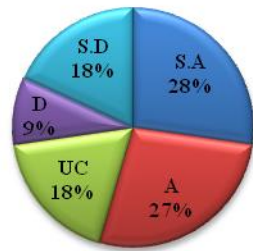
Ms. Fakhra Mushtaq (MGT-316)

The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 37% are strongly agreed, 18% are agreed, 9% are uncertain, 9% disagreed and 27% strongly disagreed. The graph for “The instructor has completed the whole course”, shows that 38% are strongly agreed, 23% are agreed, 8% are uncertain, 8% disagreed and 23% strongly

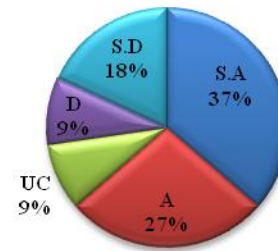
disagreed. The graph for “The instructor shows respect towards students”, shows that 42% are strongly agreed, 34% are agreed, 8% are uncertain, 8% disagreed and 8% strongly disagreed. The graph for “The instructor is fair in examination”, shows that 38% are strongly agreed, 31% are agreed, 8% are uncertain, 8% disagreed and 15% strongly disagreed. The graph for “The instructor arrives on time”, shows that 45% are strongly agreed, 22% are agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The graph for “The course material is modern and updated”, shows that 37% are strongly agreed, 36% are agreed, 9% are uncertain, 9% disagreed and 9% strongly disagreed. The graph for “The teacher returns graded scripts in a resonable amount of time”, shows that 18% are strongly agreed, 46% are agreed, 18% are uncertain, 9% disagreed and 9% strongly disagreed.



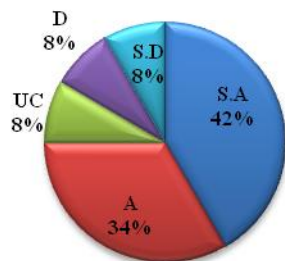
The Instructor gives citations regarding current situations With reference to Pakistani context



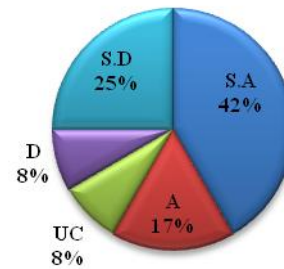
The Instructor communicates the subject matter effectively



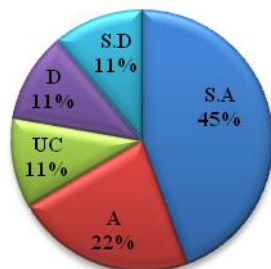
The Instructor shows respect towards students and encourages class participation.



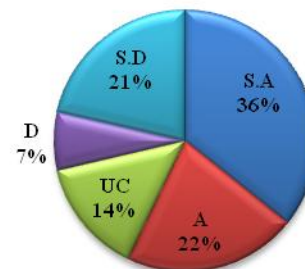
The Instructor maintains an environment that is conducive to learning.



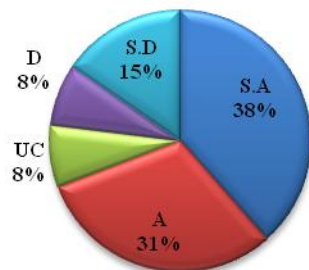
The Instructor arrives on time



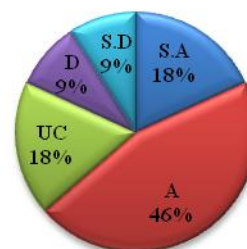
The Instructor leaves on time

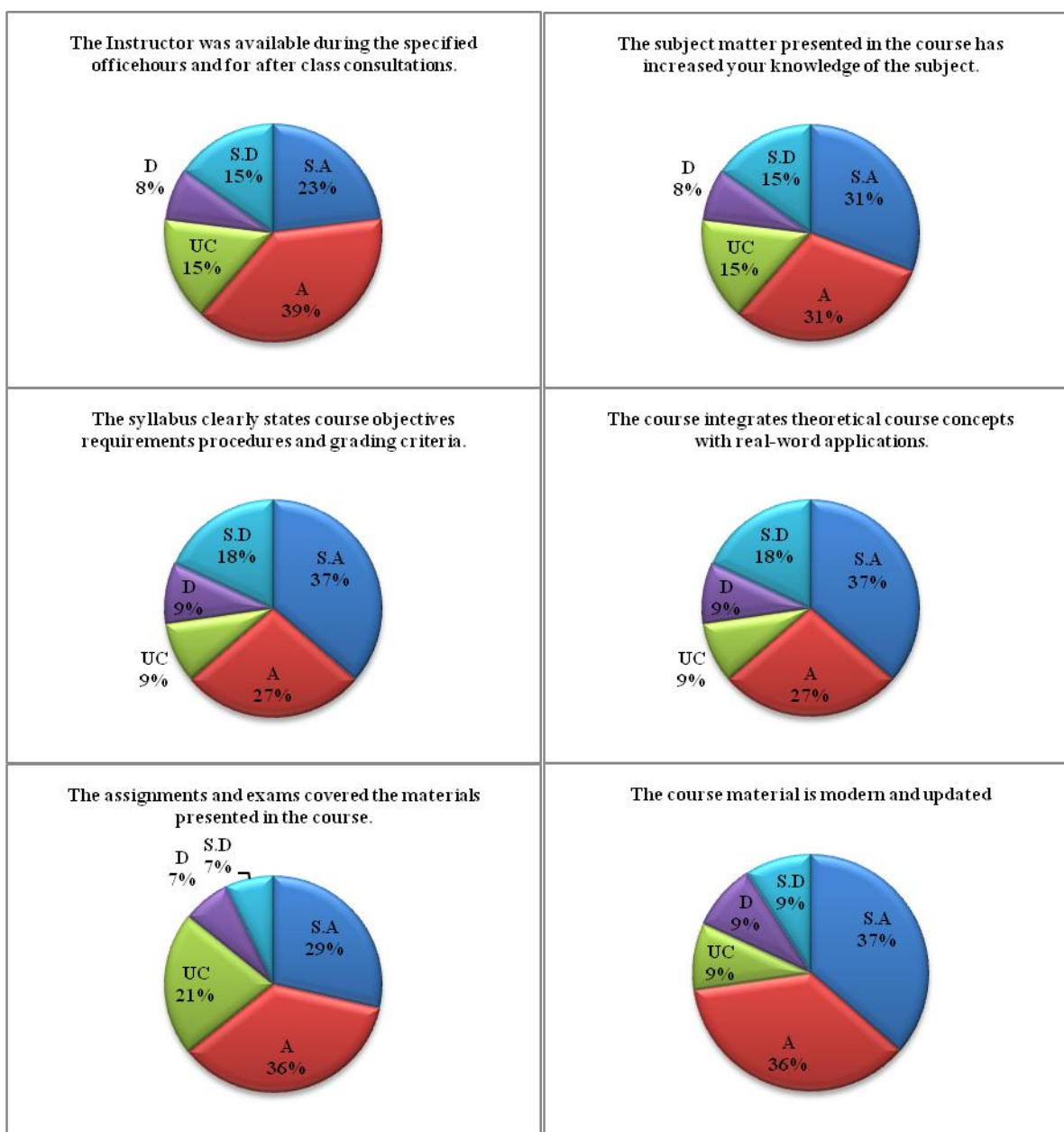


The Instructor is fair in examination



The Instructor returns the graded scripts. etc in a reasonable amount of time.





General Comments of the Students about this Teacher

Strengths:

- The teacher encourages students' participation.
- The teacher is prepared before delivering the lecture.

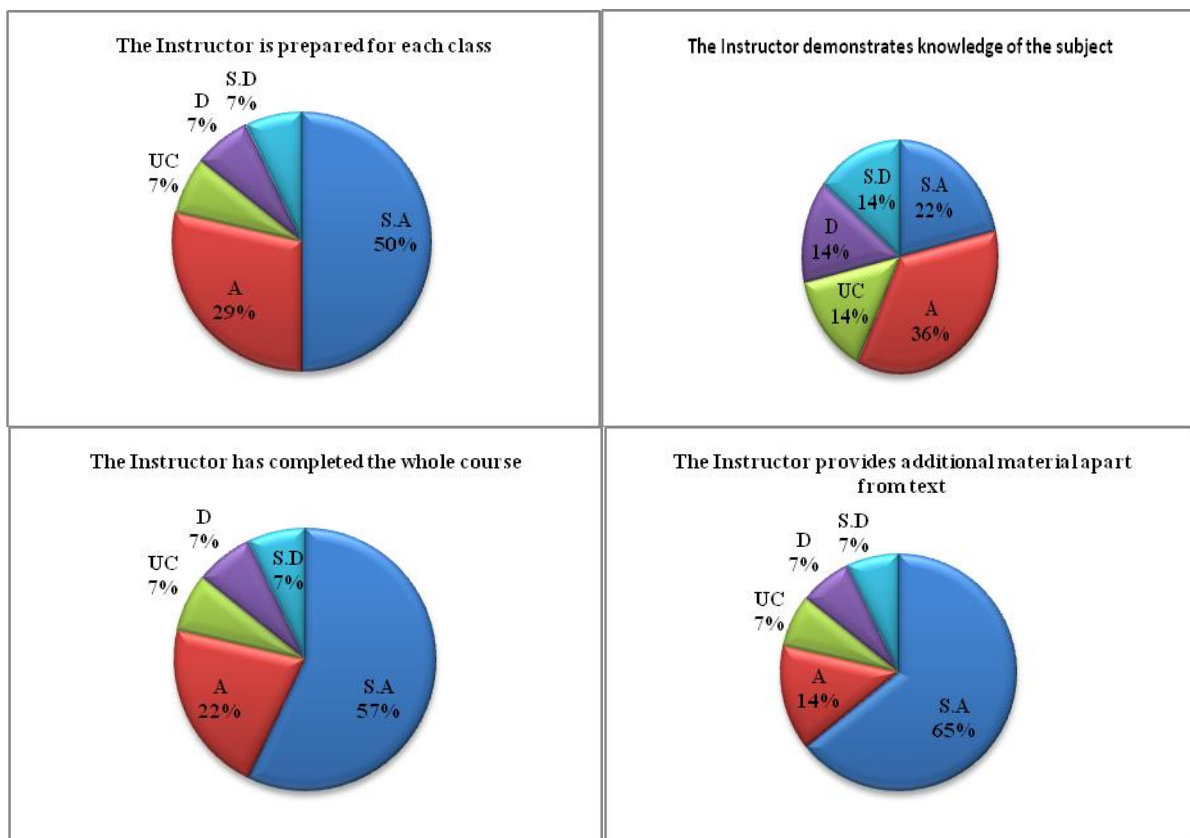
Weaknesses:

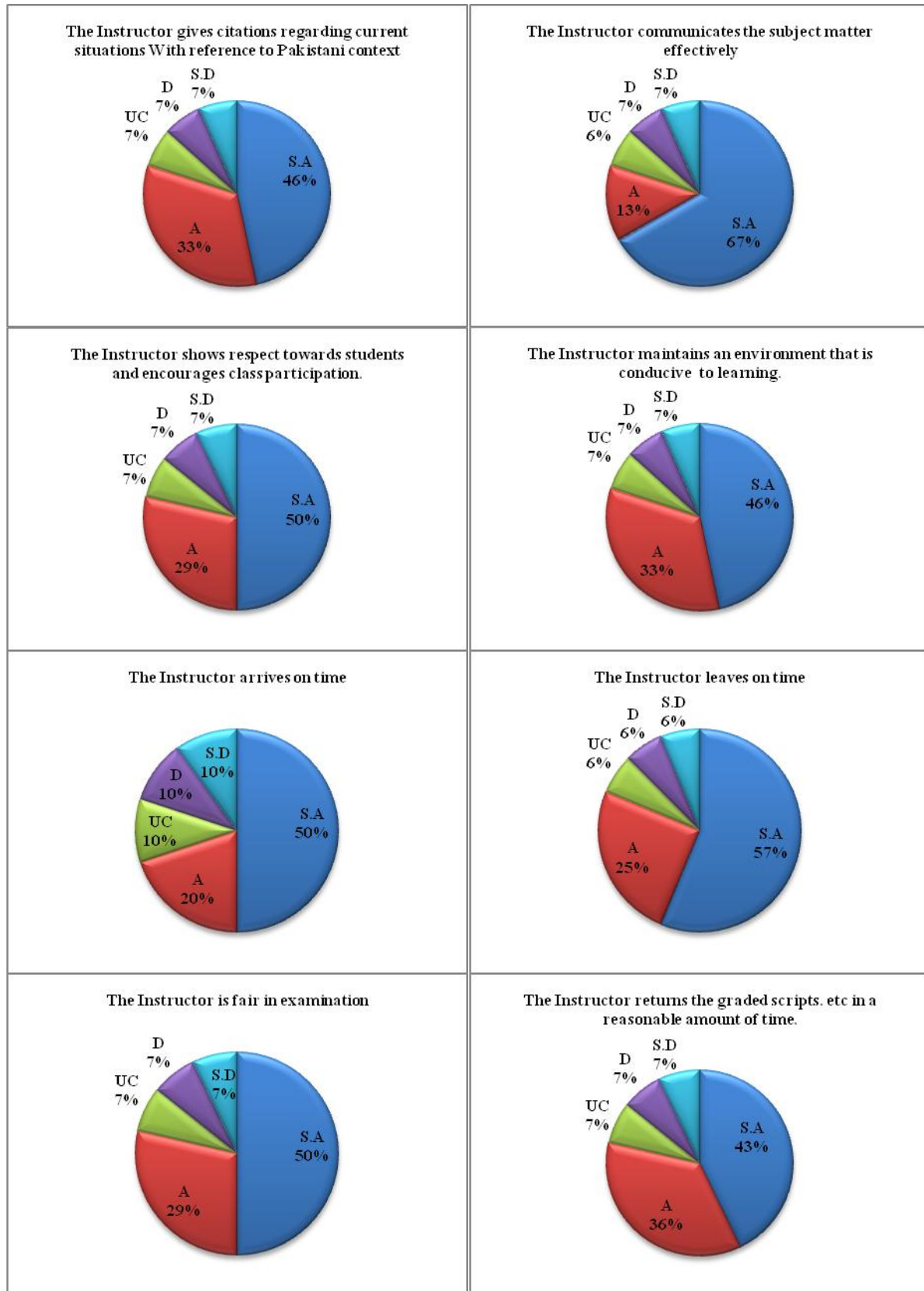
- The teacher does not follow class timings.
- The teacher should include modern concepts in her lectures to increase student knowledge.

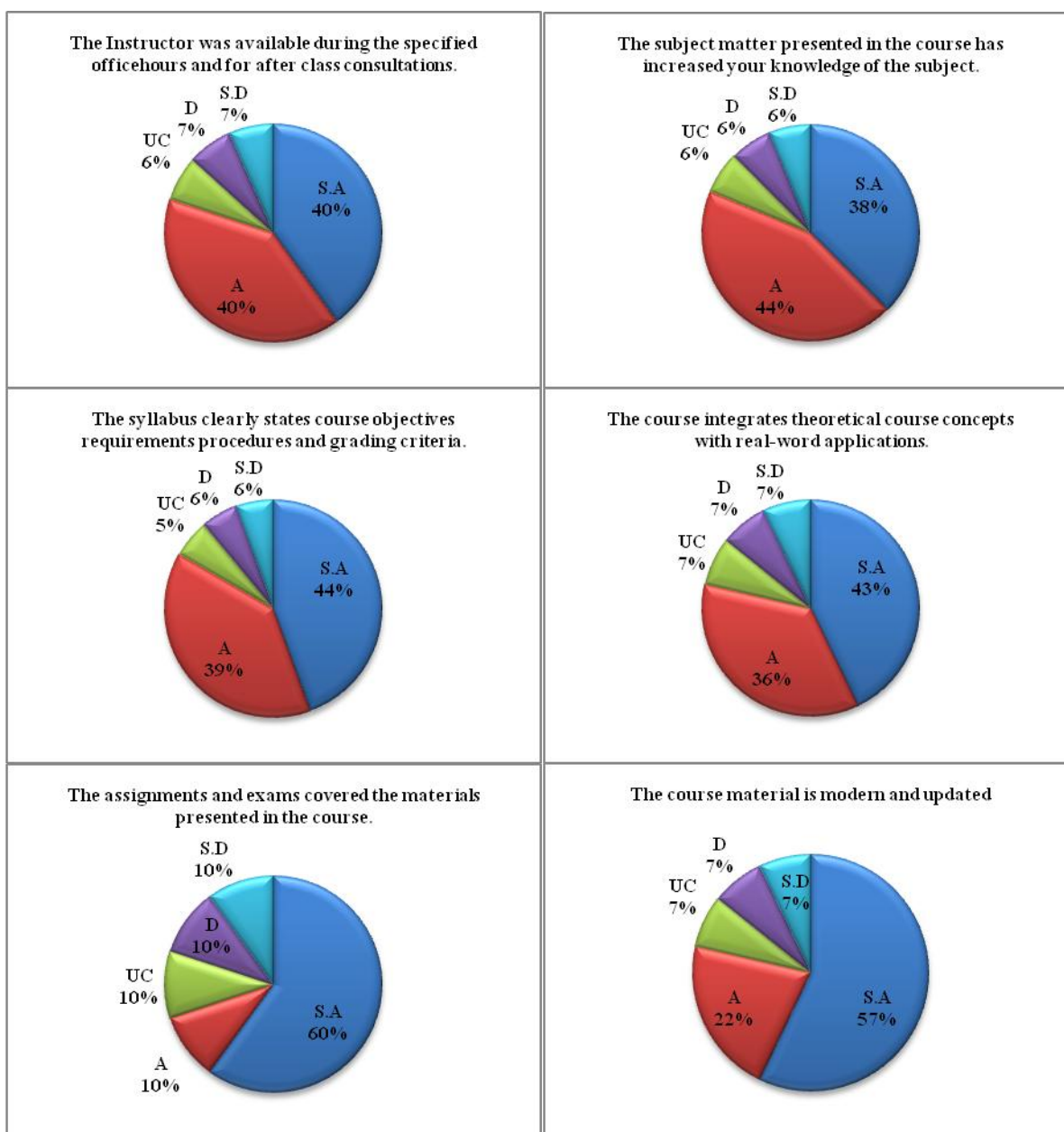
- Assignments and exams should cover the material presented in the course.

Mr. Shehzad Saqib Malik (CS-323)

The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 50% are strongly agreed, 29% are agreed, 7% are uncertain, 7% disagreed and 7% strongly disagreed. The graph for “The instructor has completed the whole course”, shows that 57% are strongly agreed, 22% are agreed, 7% are uncertain, 7% disagreed and 7% strongly disagreed. The graph for “The instructor shows respect towards students”, shows that 50% are strongly agreed, 29% are agreed, 7% are uncertain, 7% disagreed and 7% strongly disagreed. The graph for “The instructor is fair in examination”, shows that 50% are strongly agreed, 29% are agreed, 7% are uncertain, 7% disagreed and 7% strongly disagreed. The graph for “The instructor arrives on time”, shows that 50% are strongly agreed, 20% are agreed, 10% are uncertain, 10% disagreed and 10% strongly disagreed. The graph for “The course material is modern and updated”, shows that 57% are strongly agreed, 22% are agreed, 7% are uncertain, 7% disagreed and 7% strongly disagreed.







General Comments of the Students about this Teacher Strengths:

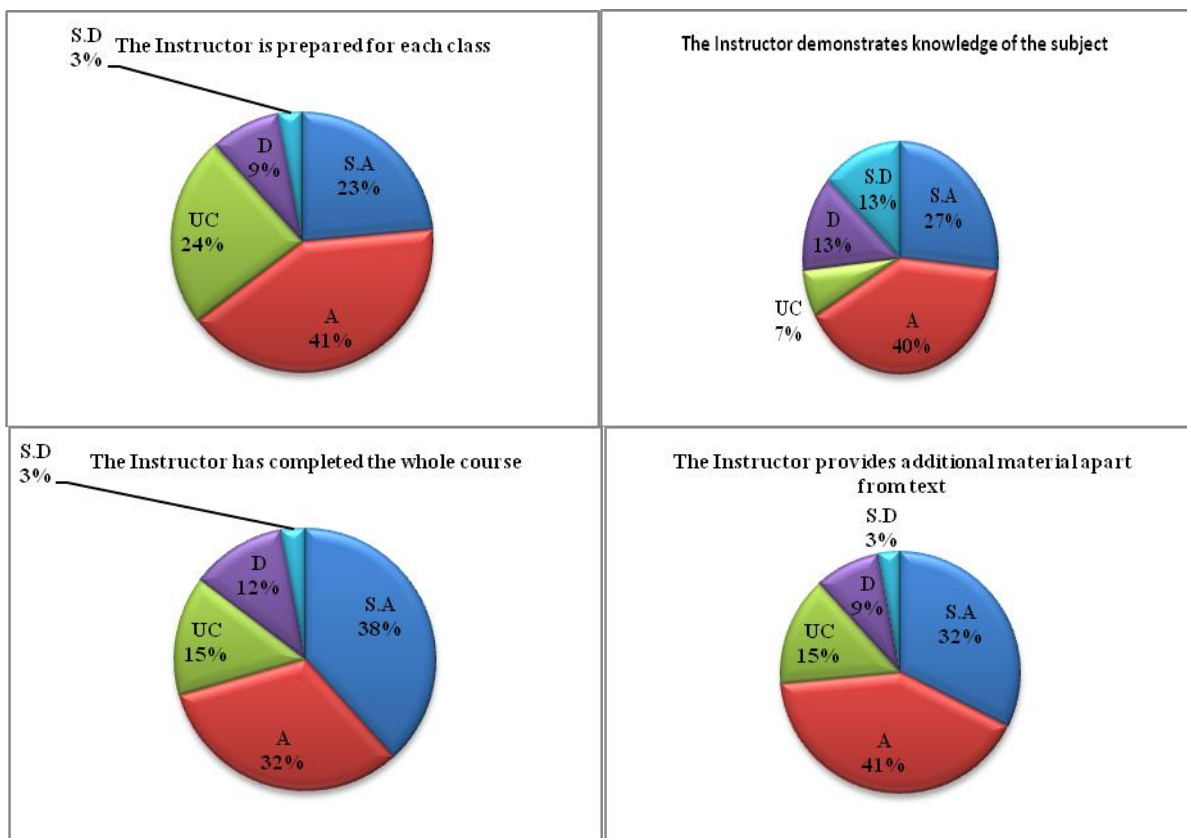
- The teacher is well prepared for lecture and very punctual.
- The teacher is fair in examination and shows respect towards students.

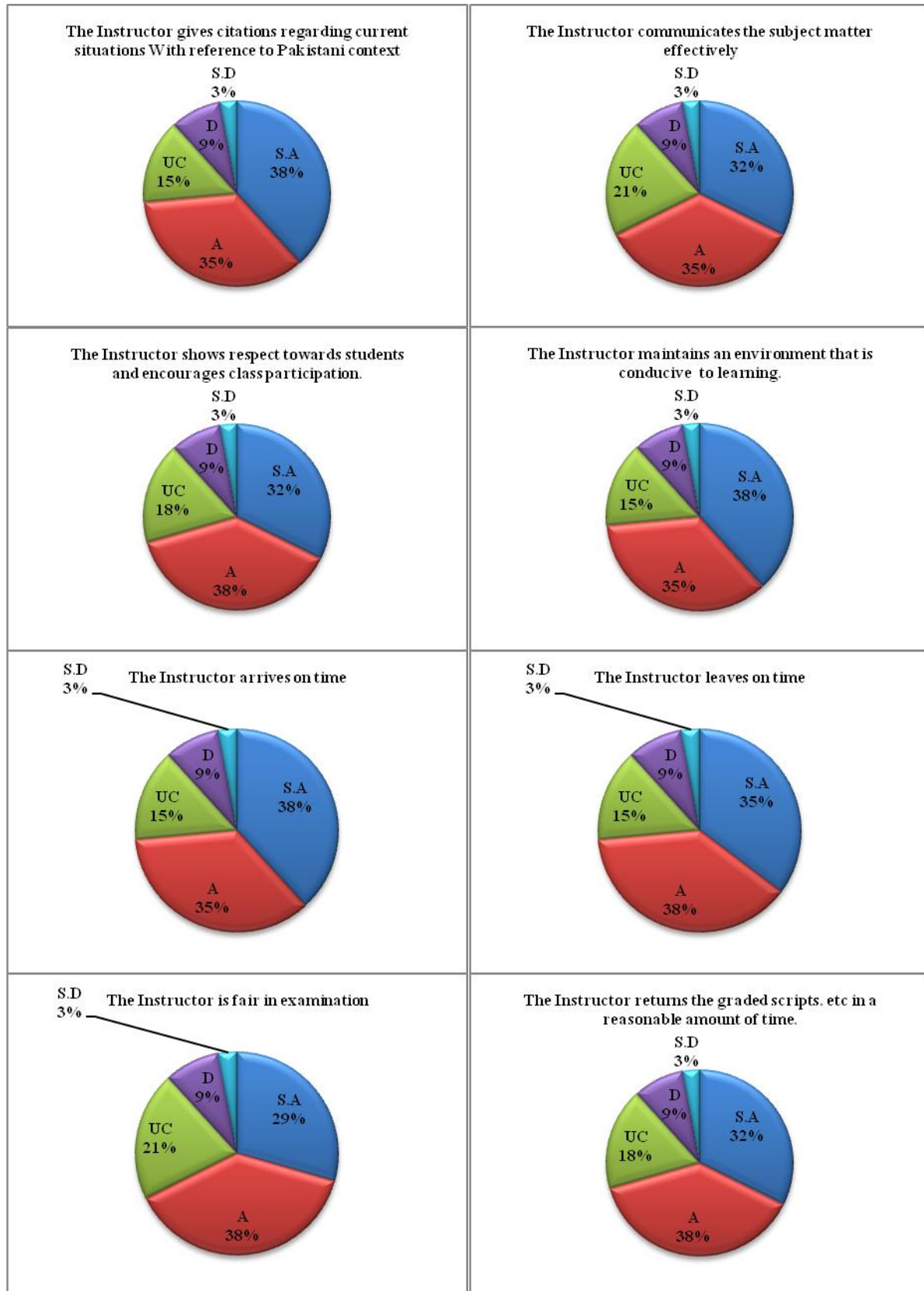
Weaknesses:

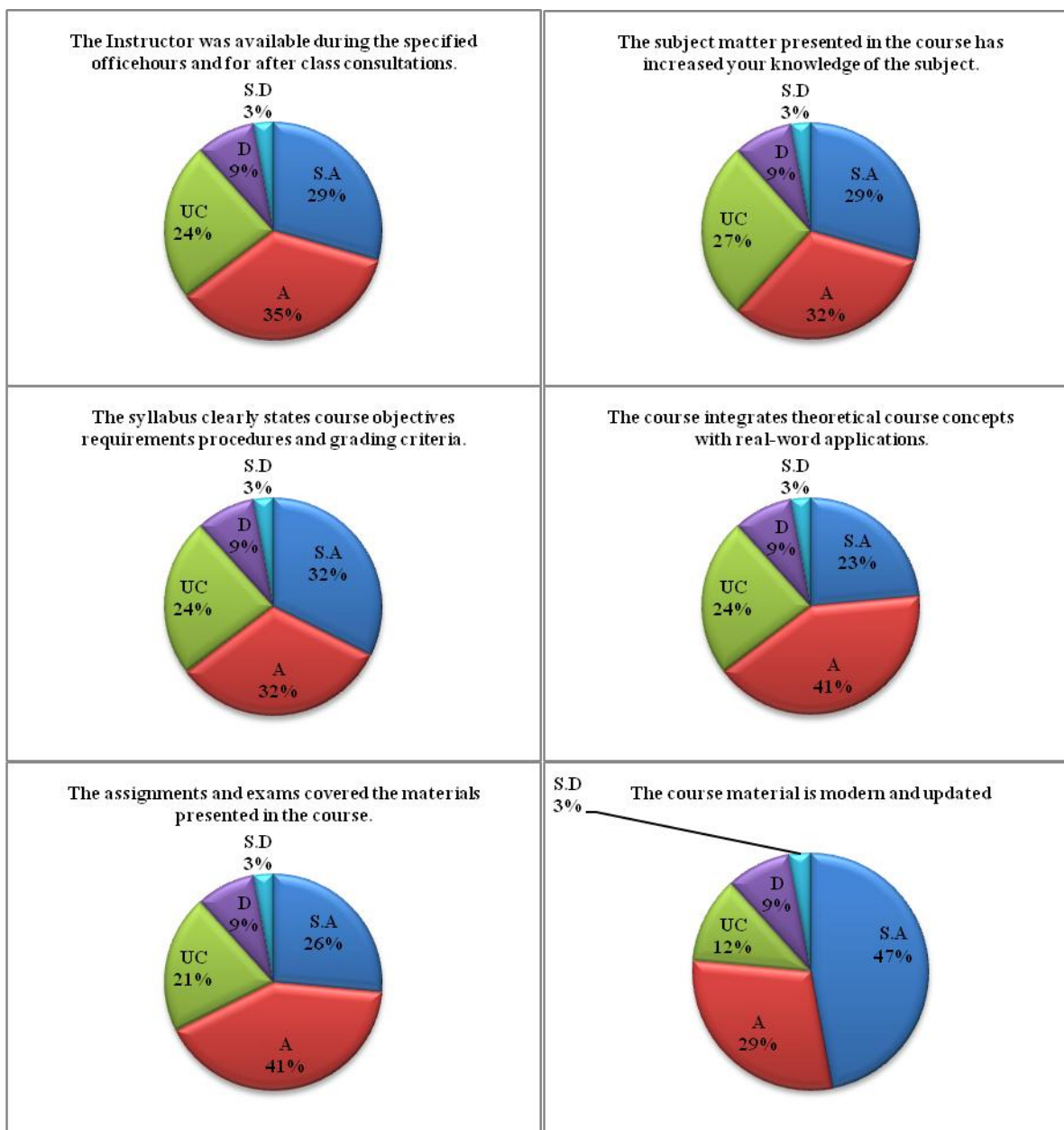
- The teacher should include modern concepts in her lectures to increase student knowledge.
- Assignments and exams should cover the material presented in the course.

Dr. Nawazish Naveed(CS-443)

The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 23% are strongly agreed, 41% are agreed, 24% are uncertain, 9% disagreed and 3% strongly disagreed. The graph for “The instructor has completed the whole course”, shows that 38% are strongly agreed, 32% are agreed, 15% are uncertain, 12% disagreed and 3% strongly disagreed. The graph for “The instructor shows respect towards students”, shows that 32% are strongly agreed, 38% are agreed, 18% are uncertain, 9% disagreed and 3% strongly disagreed. The graph for “The instructor is fair in examination”, shows that 29% are strongly agreed, 38% are agreed, 21% are uncertain, 9% disagreed and 3% strongly disagreed. The graph for “The instructor arrives on time”, shows that 38% are strongly agreed, 35% are agreed, 15% are uncertain, 9% disagreed and 3% strongly disagreed. The graph for “The course material is modern and updated”, shows that 47% are strongly agreed, 29% are agreed, 12% are uncertain, 9% disagreed and 3% strongly disagreed. The graph for “The teacher returns graded scripts in a resonable amount of time”, shows that 32% are strongly agreed, 38% are agreed, 18% are uncertain, 9% disagreed and 3% strongly disagreed.







General Comments of the Students about this Teacher

Strengths:

- The teacher is very punctual in classes.
- The teacher is fair in examinations.
- The teacher is well prepared for the lecture.
- The teacher has good communication skills.

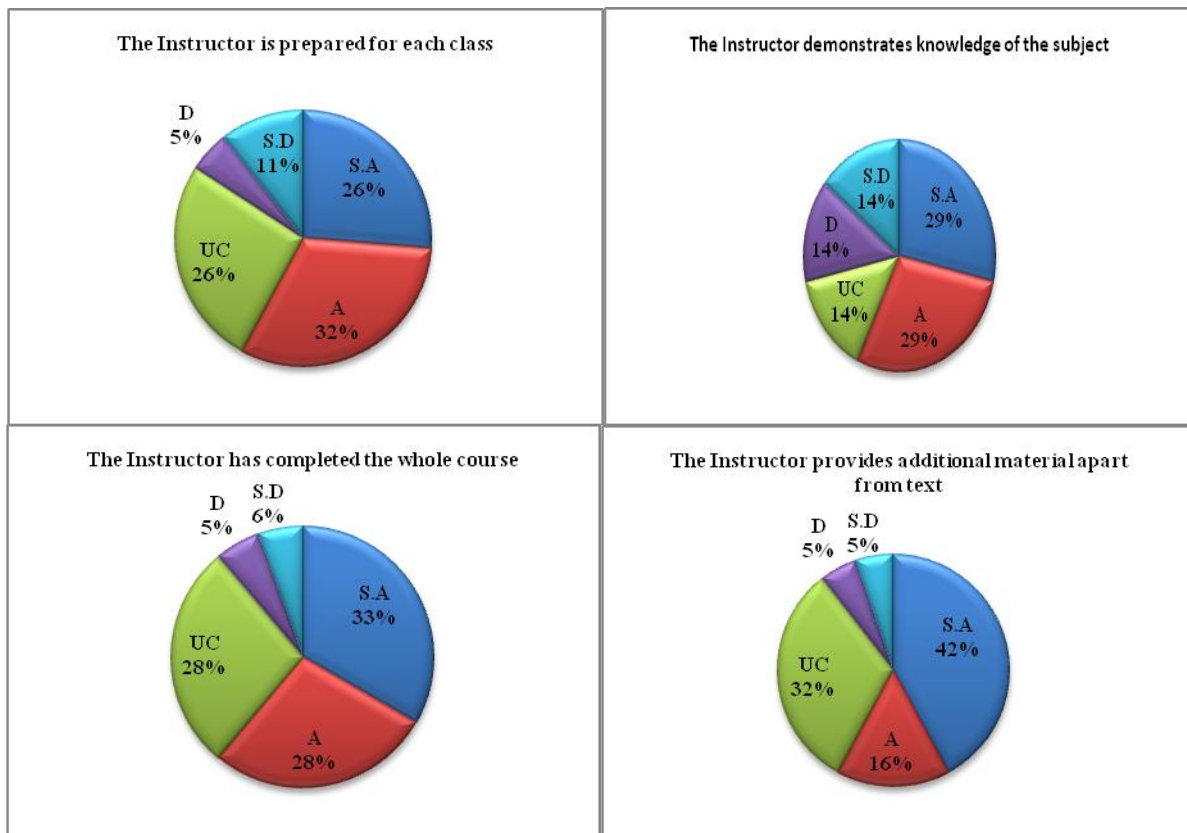
Weaknesses:

- The teacher should be available to students for extra help.

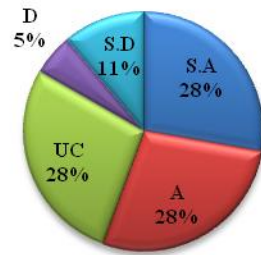
- Course material should be more updated.

Ms. Rubina Ghazal (CS-430)

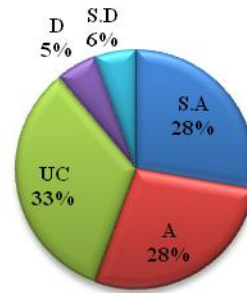
The graph for “The instructor is prepared for each class”, shows that 26% are strongly agreed, 32% are agreed, 26% are uncertain, 5% disagreed and 11% strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 42% are strongly agreed, 16% are agreed, 32% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning”, shows that 38% are strongly agreed, 24% are agreed, 28% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 28% are strongly agreed, 28% are agreed, 33% are uncertain, 5% disagreed and 6% strongly disagreed.



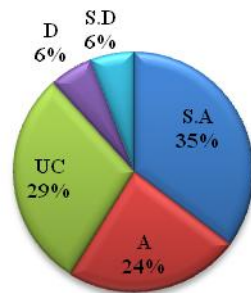
The Instructor gives citations regarding current situations With reference to Pakistani context



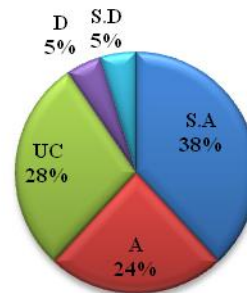
The Instructor communicates the subject matter effectively



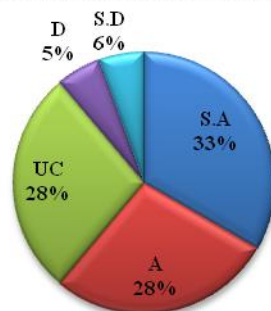
The Instructor shows respect towards students and encourages class participation.



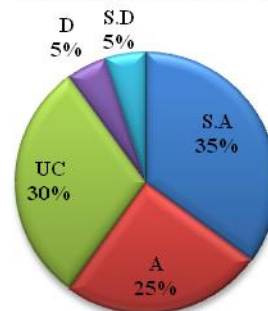
The Instructor maintains an environment that is conducive to learning.



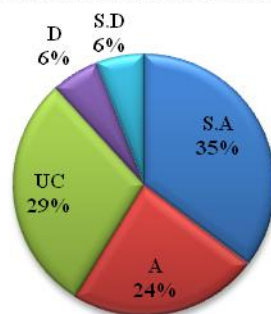
The Instructor arrives on time



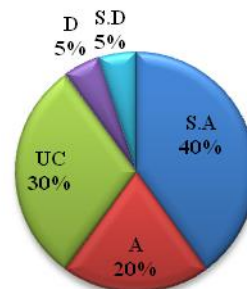
The Instructor leaves on time

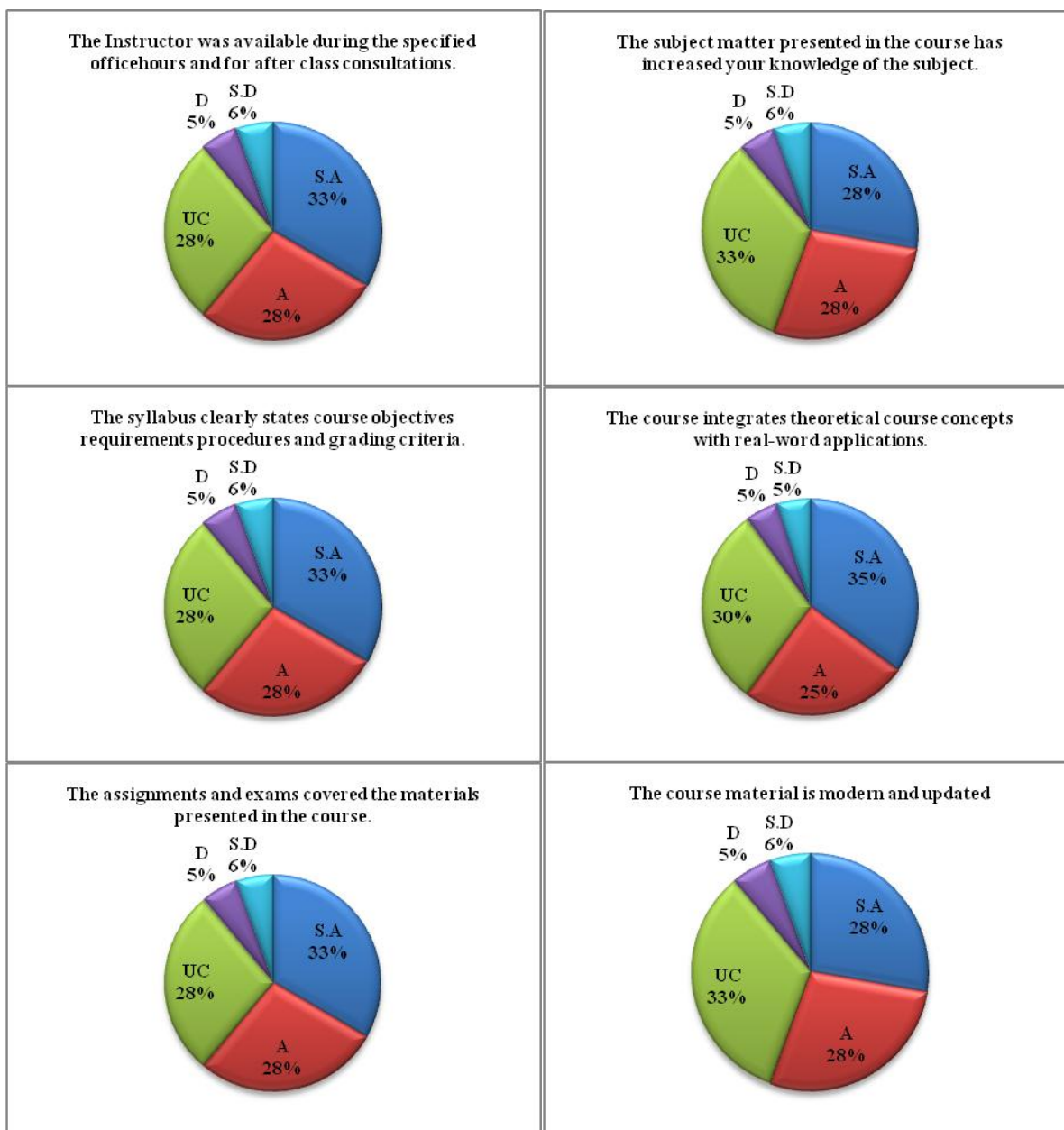


The Instructor is fair in examination



The Instructor returns the graded scripts. etc in a reasonable amount of time.





General Comments of the Students about the Teacher

Strength:

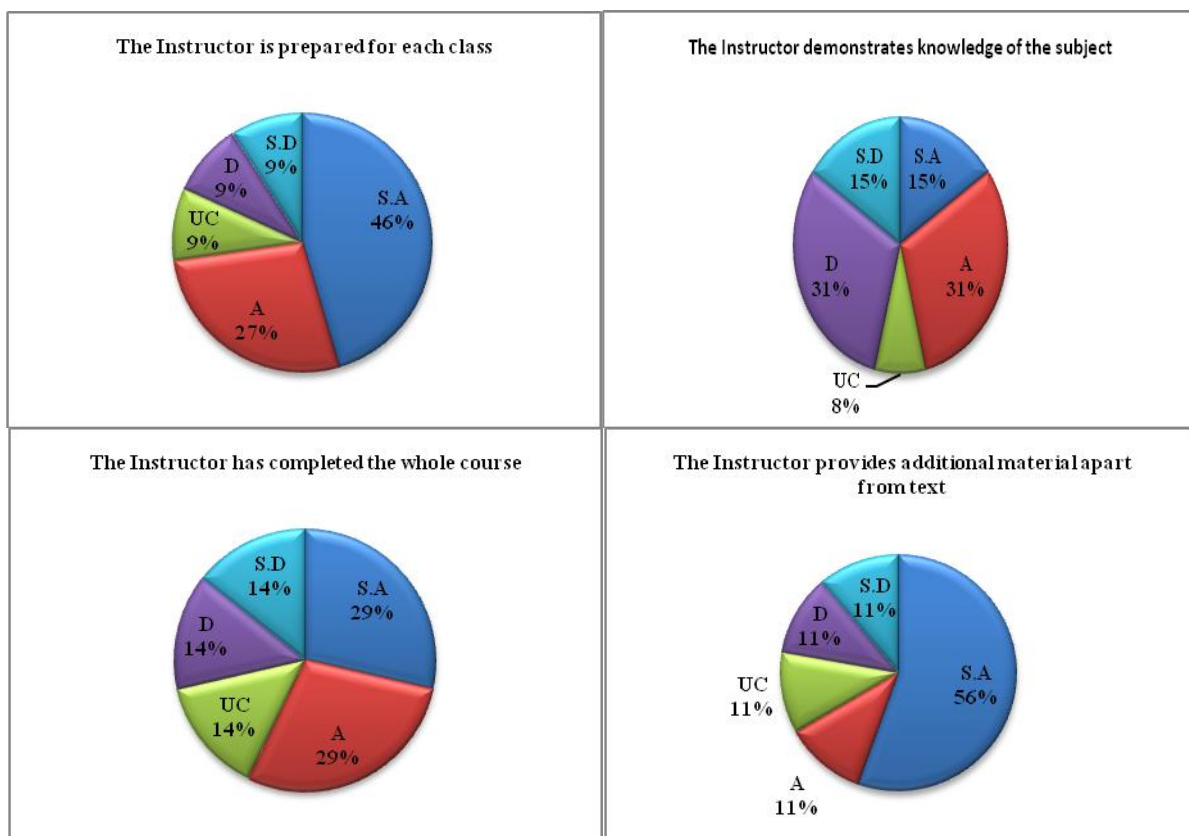
- Course material available
- Course objectives clear
- Good knowledge of the subject

Weakness:

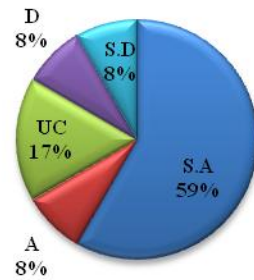
- Should add real world examples

Mr. Sheeraz Akram (CS-525)

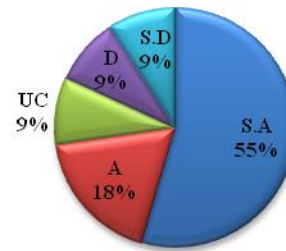
The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 46% are strongly agreed, 27% are agreed, 9% are uncertain, 9% disagreed and 9% strongly disagreed. The graph for “The instructor has completed the whole course”, shows that 29% are strongly agreed, 29% are agreed, 14% are uncertain, 14% disagreed and 14% strongly disagreed. The graph for “The instructor shows respect towards students”, shows that 46% are strongly agreed, 27% are agreed, 9% are uncertain, 9% disagreed and 9% strongly disagreed. The graph for “The instructor is fair in examination”, shows that 29% are strongly agreed, 29% are agreed, 14% are uncertain, 14% disagreed and 14% strongly disagreed. The graph for “The instructor arrives on time”, shows that 45% are strongly agreed, 11% are agreed, 22% are uncertain, 11% disagreed and 11% strongly disagreed. The graph for “The course material is modern and updated”, shows that 29% are strongly agreed, 29% are agreed, 14% are uncertain, 14% disagreed and 14% strongly disagreed. The graph for “The teacher returns graded scripts in a reasonable amount of time”, shows that 56% are strongly agreed, 11% are agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed.



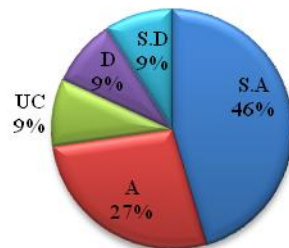
The Instructor gives citations regarding current situations With reference to Pakistani context



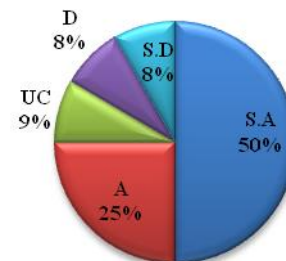
The Instructor communicates the subject matter effectively



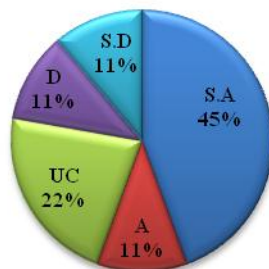
The Instructor shows respect towards students and encourages class participation.



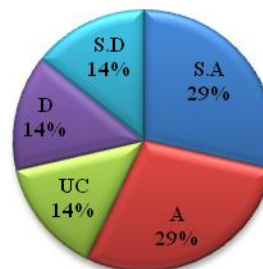
The Instructor maintains an environment that is conducive to learning.



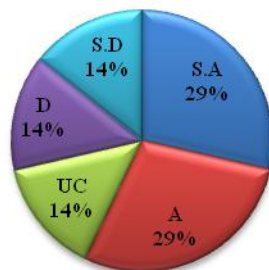
The Instructor arrives on time



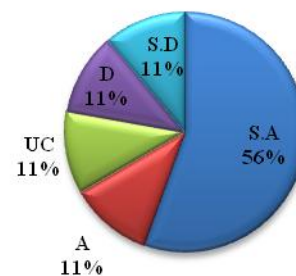
The Instructor leaves on time

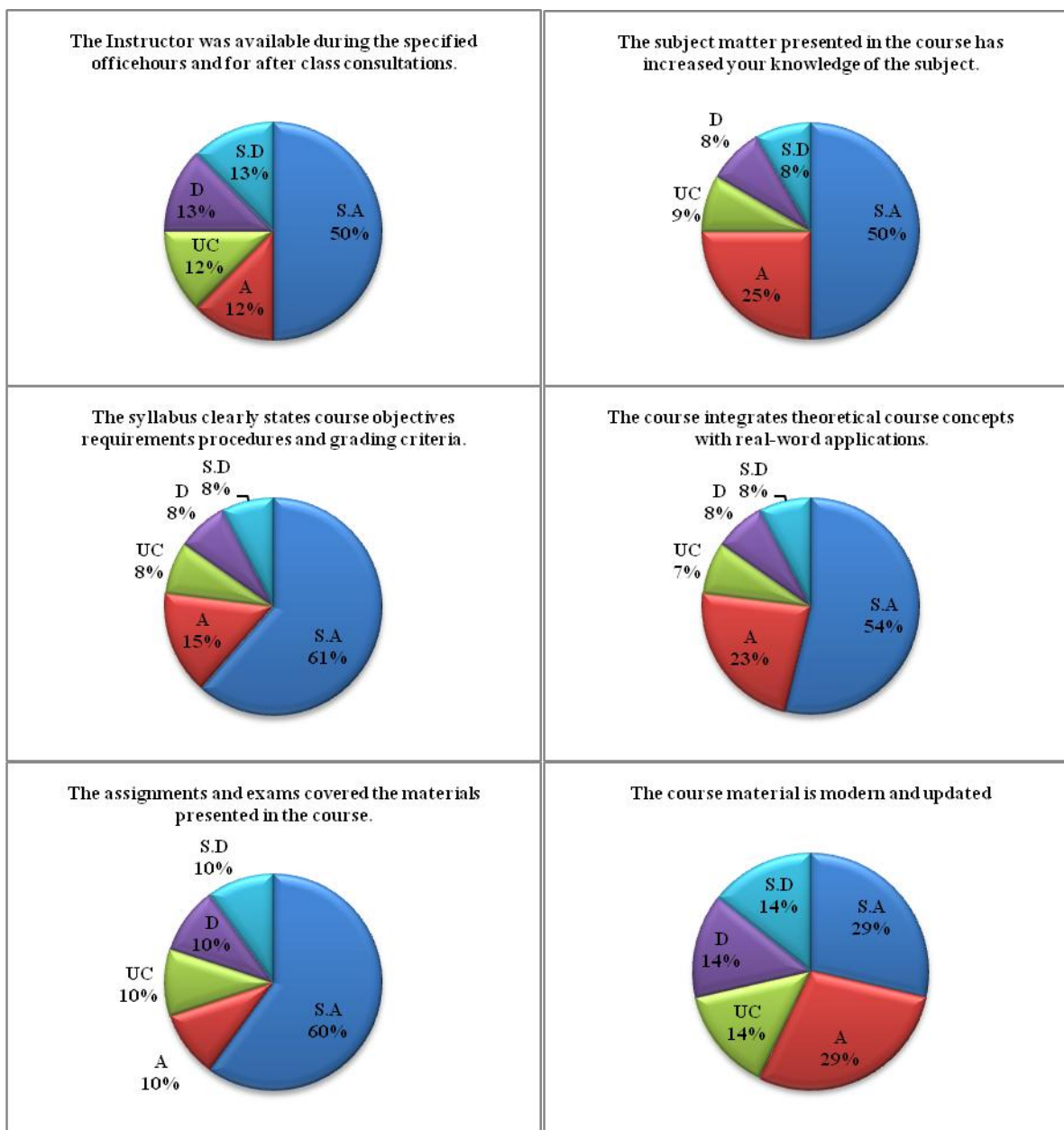


The Instructor is fair in examination



The Instructor returns the graded scripts, etc in a reasonable amount of time.





General Comments of the Students about this Teacher

Strengths:

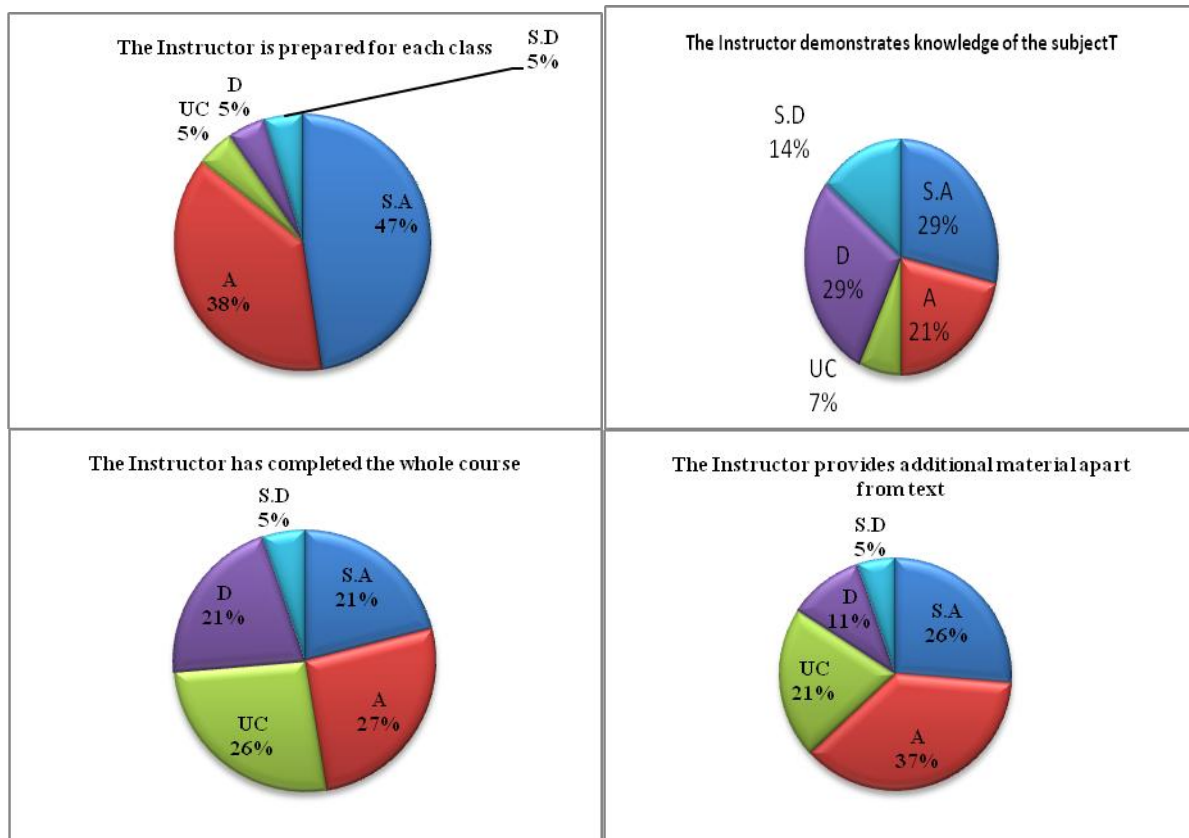
- The teacher is punctual and fair in marking.
- The teacher encourages students' participation.
- The teacher is prepared before delivering the lecture and completes the course.

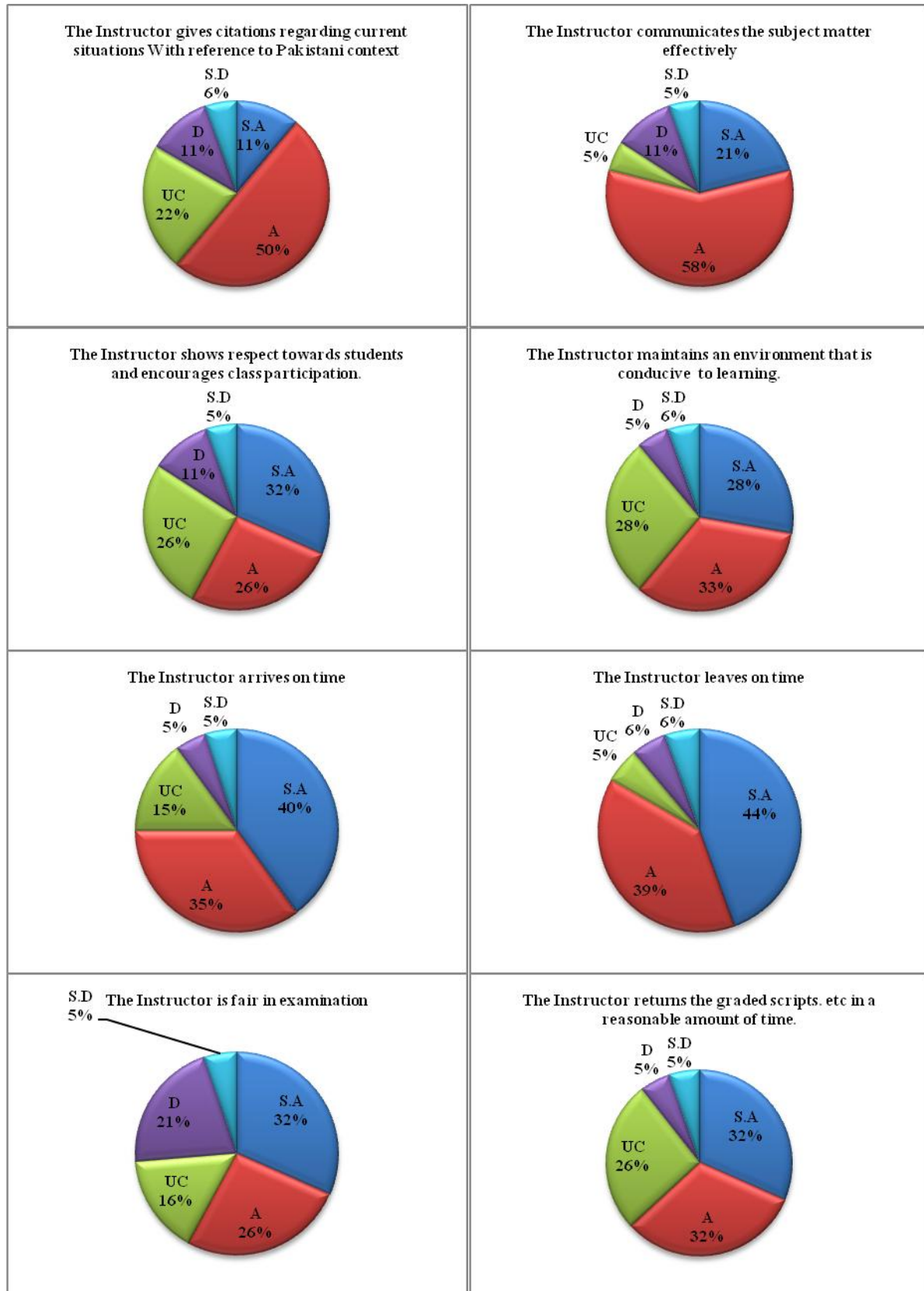
.Weaknesses:

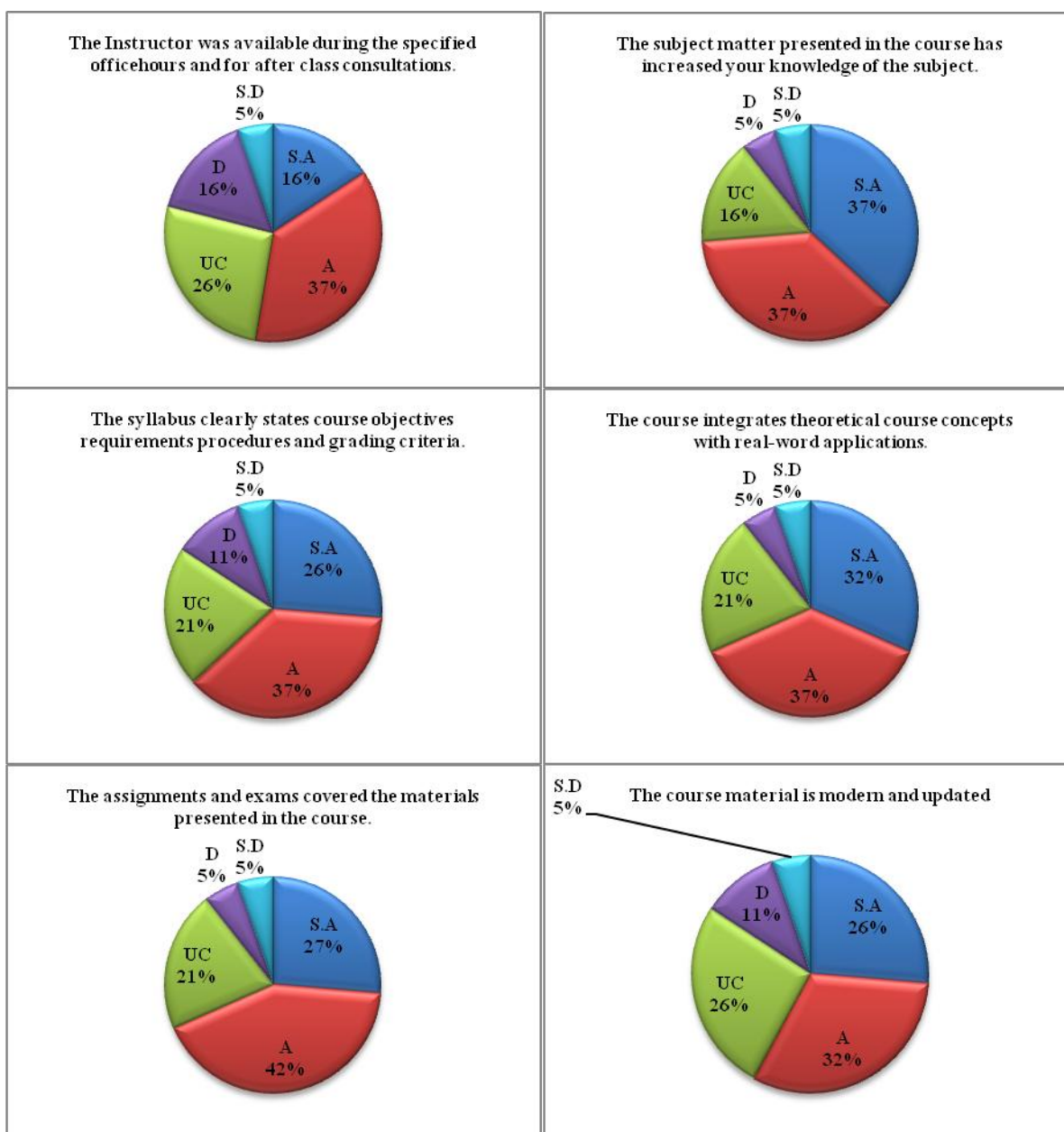
- The teacher should include modern concepts in lectures to increase student knowledge.
- Assignments and exams should cover the material presented in the course.

Mr. M. Shabbir Hassan (CS-665)

The graph for “The instructor is prepared for each class”, shows that 47% are strongly agreed, 38% are agreed, 5% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 26% are strongly agreed, 37% are agreed, 21% are uncertain, 11% disagreed and 5% strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning”, shows that 28% are strongly agreed, 33% are agreed, 28% are uncertain, 5% disagreed and 6% 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, 37% are agreed, 16% are uncertain, 5% disagreed and 5% strongly disagreed.







General Comments of the Students about the Teacher

Strength:

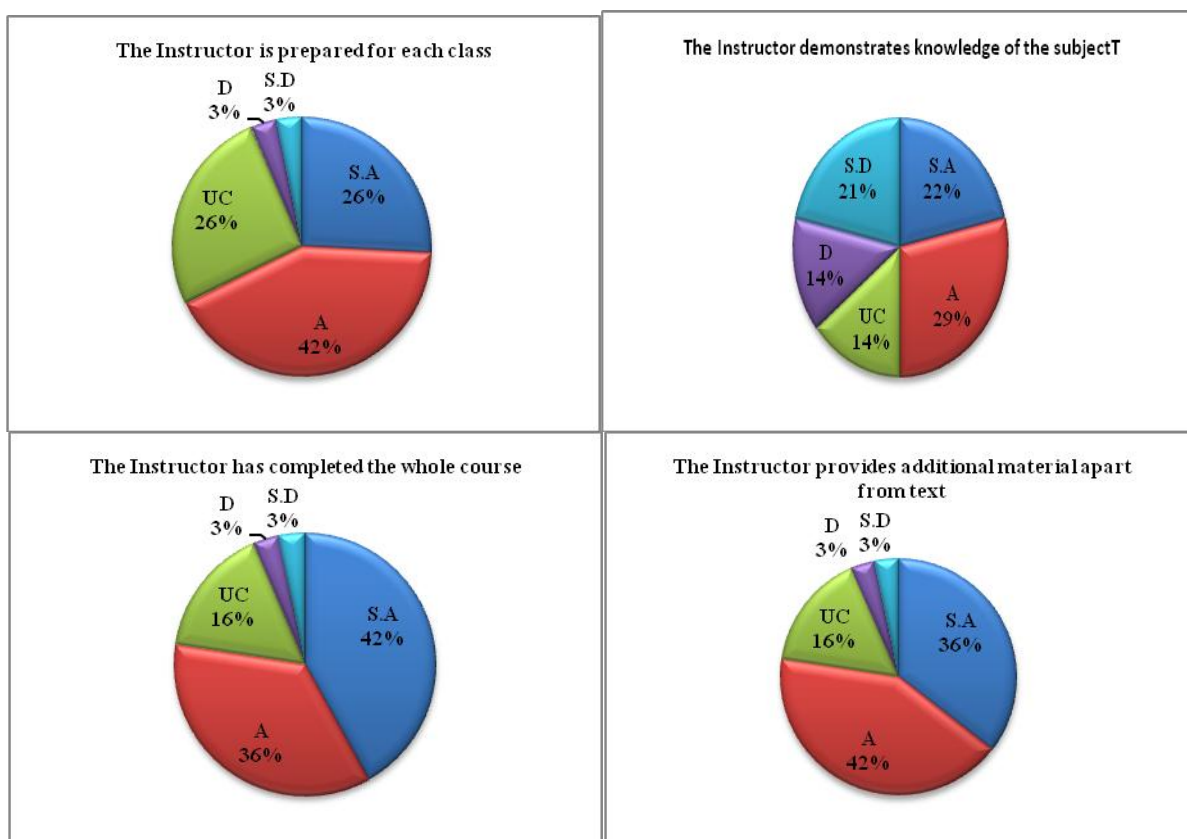
- Course material available
- Good pace

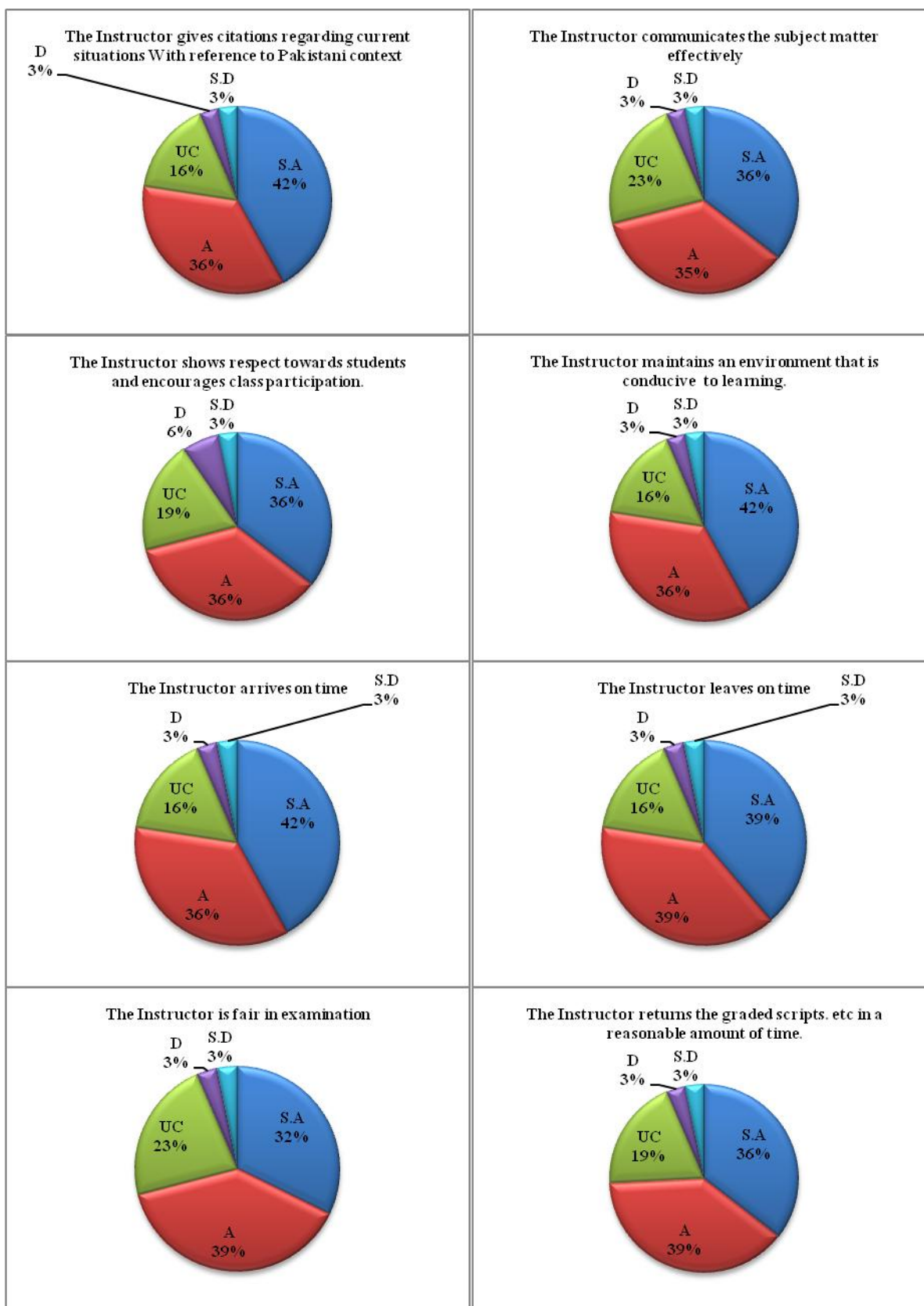
Weakness:

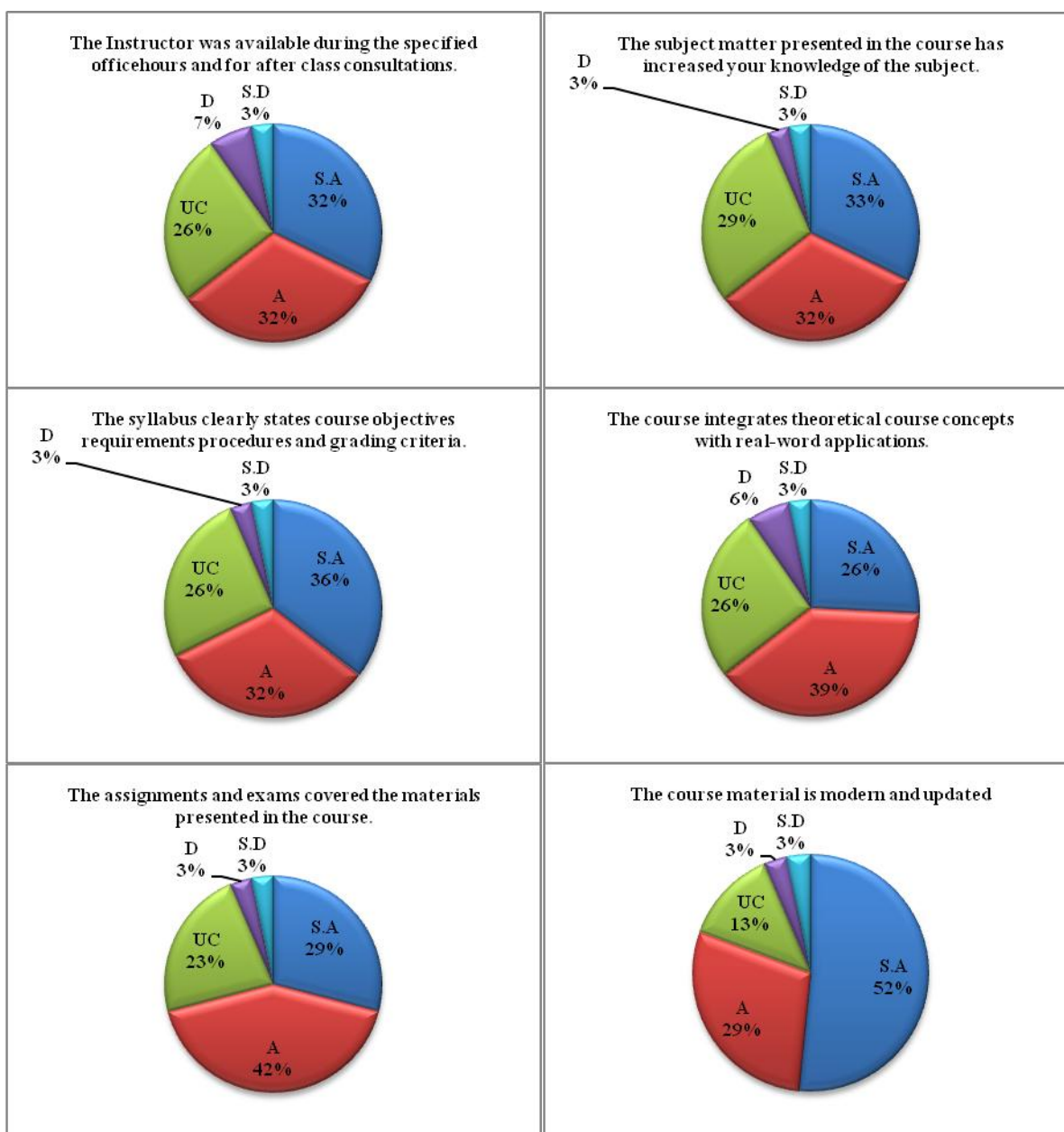
- Should discuss the problem in detail
- Relevant material should be provided

Dr. Muhammad Shaheen (CS-400)

The graph shows the detail of evaluation. The graph for “The instructor is prepared for each class”, shows that 26% are strongly agreed, 42% are agreed, 26% are uncertain, 3% disagreed and 3% strongly disagreed. The graph for “The instructor has completed the whole course”, shows that 42% are strongly agreed, 36% are agreed, 16% are uncertain, 3% disagreed and 3% strongly disagreed. The graph for “The instructor shows respect towards students”, shows that 36% are strongly agreed, 36% are agreed, 19% are uncertain, 6% disagreed and 3% strongly disagreed. The graph for “The instructor is fair in examination”, shows that 32% are strongly agreed, 39% are agreed, 23% are uncertain, 3% disagreed and 3% strongly disagreed. The graph for “The instructor arrives on time”, shows that 42% are strongly agreed, 36% are agreed, 16% are uncertain, 3% disagreed and 3% strongly disagreed. The graph for “The course material is modern and updated”, shows that 52% are strongly agreed, 29% are agreed, 13% are uncertain, 3% disagreed and 3% strongly disagreed. The graph for “The teacher returns graded scripts in a reasonable amount of time”, shows that 36% are strongly agreed, 39% are agreed, 19% are uncertain, 3% disagreed and 3% strongly disagreed.







General Comments of the Students about this Teacher

Strengths:

- The teacher encourages students' participation.
- The teacher has the ability to teach this course very well.
- The teacher is fair in marking.

.Weaknesses:

- The teacher should include modern concepts in lectures to increase students' knowledge.

Student Course Evaluation

The courses of the respective teachers were also evaluated as per Performa 1 and the results are shown in Fig-2. The teacher who taught the course CS-323 has score 72%, the teacher for CS-335 has score 83%, the teacher for CS-430 has score 82%, the teacher for CS-301 has score 72%, the teacher for CS-323 has score 74%, the teacher for CS-335 has score 73%, the teacher for CS-443 has score 81%, the teacher for CS-443 has score 83%, the teacher for CS-323 has score 73%, the teacher for CS-335 has score 77%, the teacher for CS-430 has score 76%, the teacher for CS-430 has score 74%, the teacher for CS-525 has score 81%, the teacher for CS-582 has score 74%, the teacher for CS-552 has score 73%, the teacher for CS-600 has score 75%, the teacher for CS-552 has score 82%, the teacher for CS-423 has score 79%, the teacher for CS-423 has score 83%, the teacher for CS-669 has score 75%, the teacher for CS-452 has score 77%, the teacher for MGT-316 has score 73%, the teacher for CS-400 has score 78%, the teacher for CS-400 has score 70%, the teacher for CS-685 has score 73%, the teacher for CS-465 has score 81%, the teacher for CS-577 has score 74%, the teacher for CS-525 has score 79%, the teacher for CS-685 has score 78%, the teacher for CS-685 has score 82%, the teacher for CS-400 has score 75%, the teacher for CS-652 has score 77%, the teacher for CS-423 has score 70%, the teacher for CS-423 has score 78%, the teacher for CS-452 has score 75%, the teacher for CS-323 has score 70%, the teacher for CS-577 has score 75%, the teacher for CS-565 has score 78% and the teacher for CS-565 has score 72%. The scores of other courses of respective teachers can be seen from the graph.

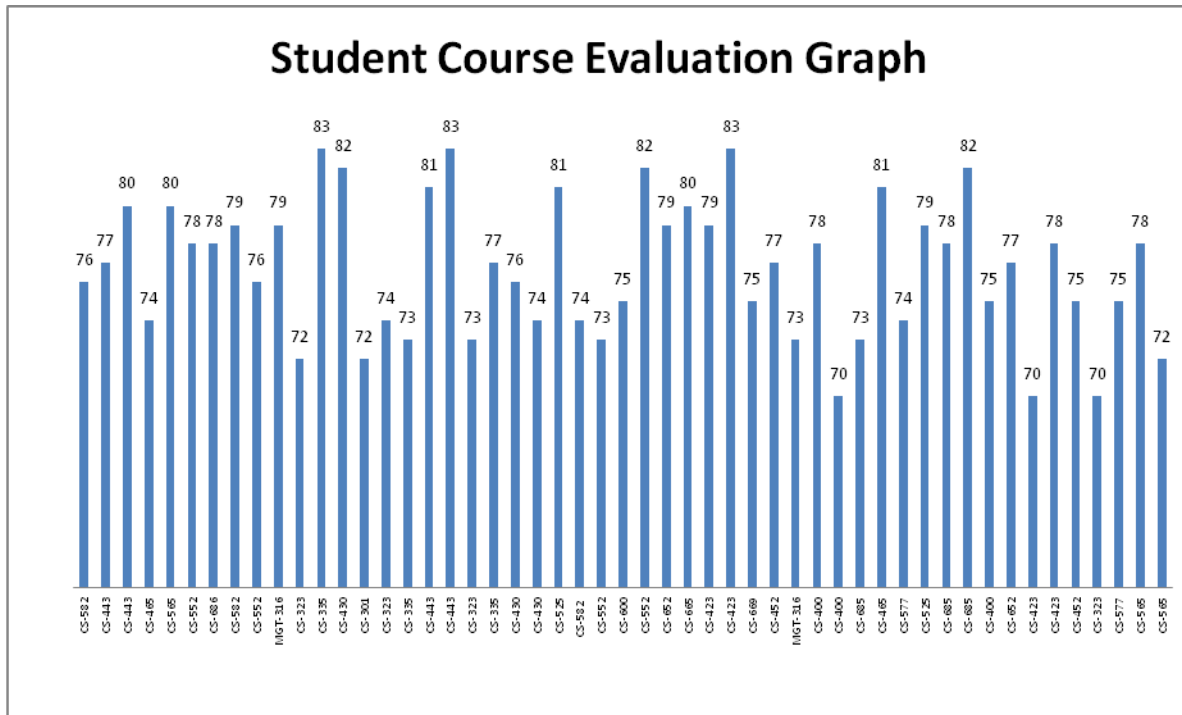
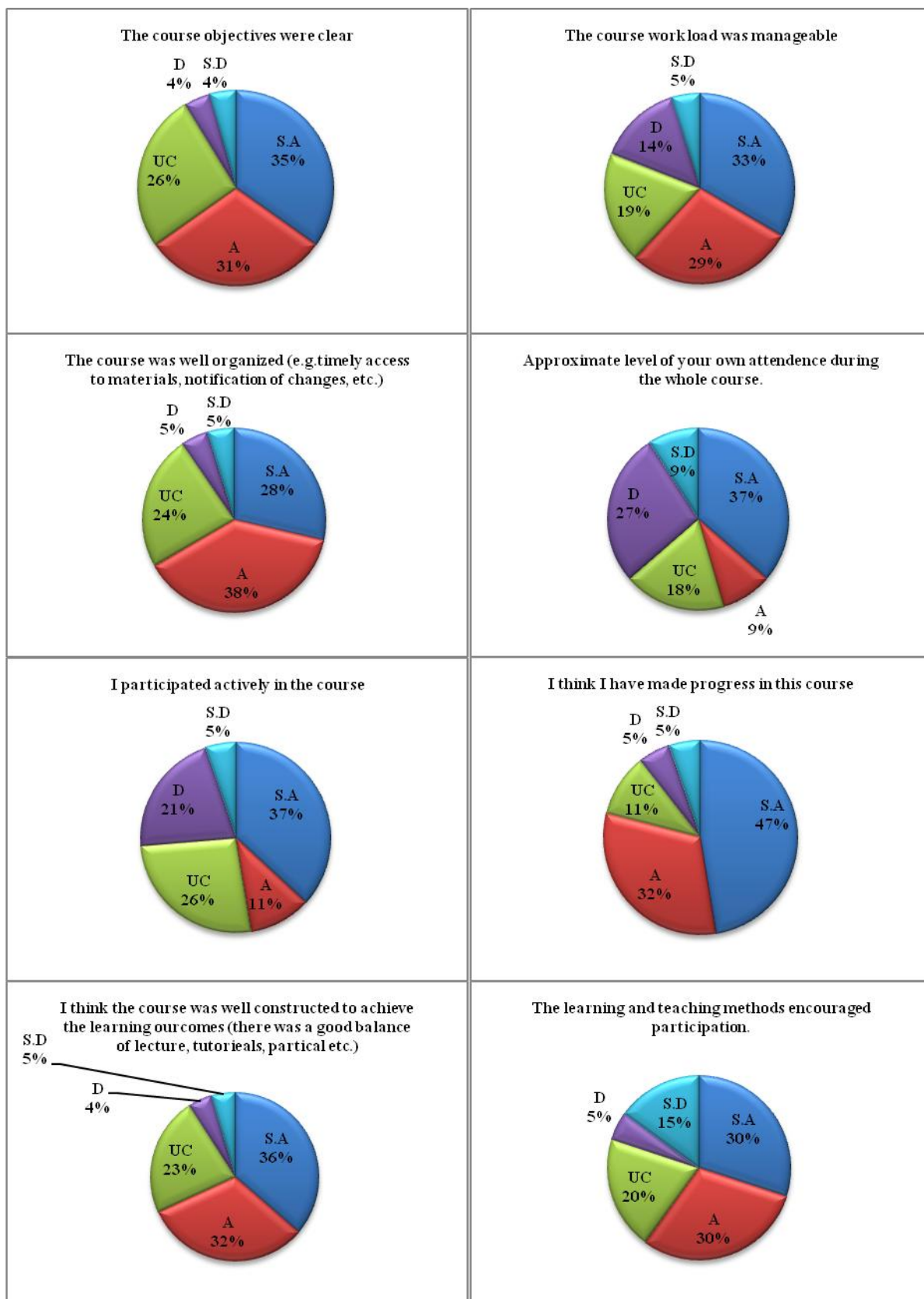


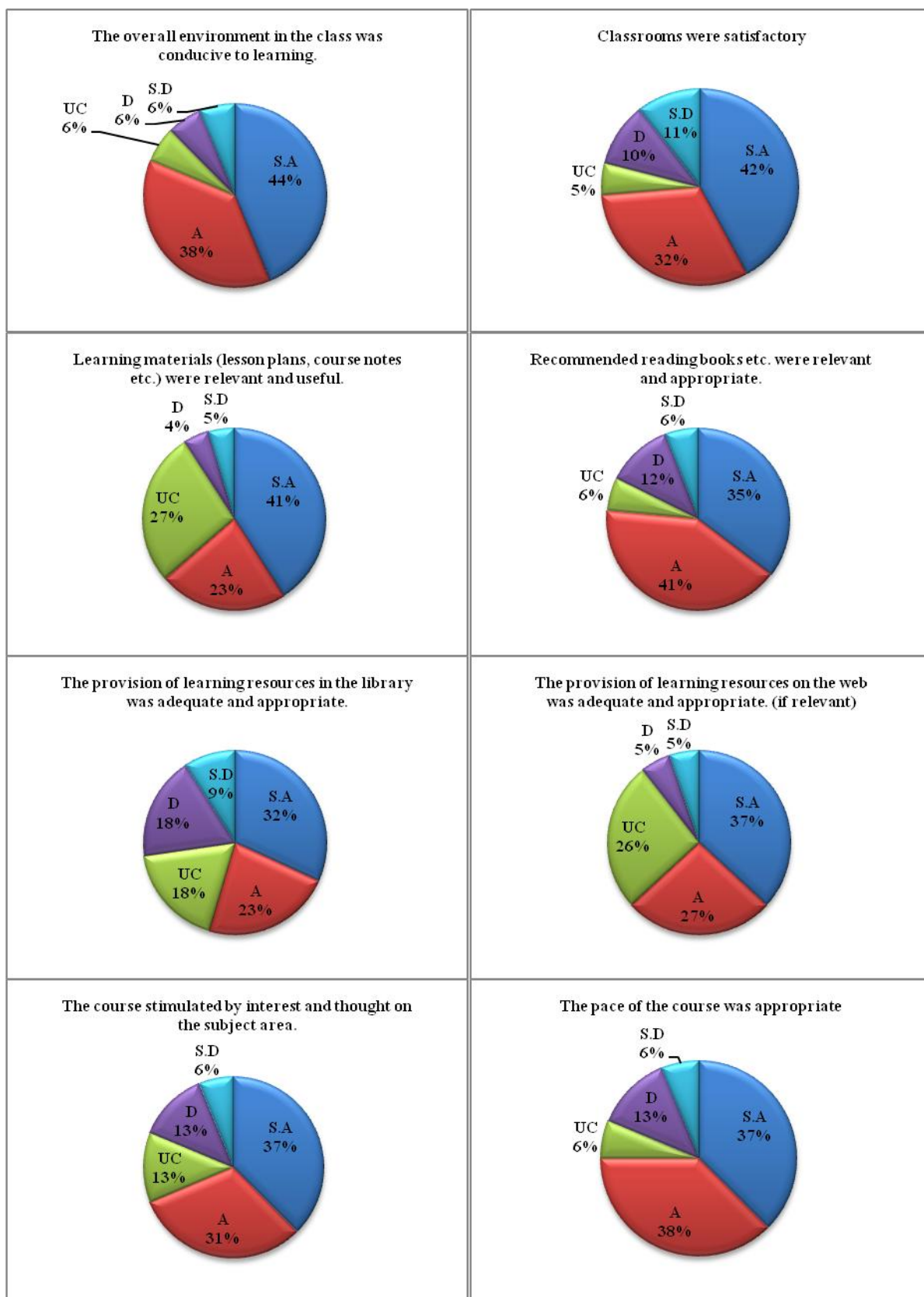
Figure 2: Course Evaluation Graph

Each course evaluation has been presented graphically below.

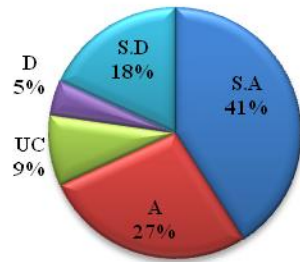
CS-582 (Ms.Aisha Umair)

The graph shows that 35% of the students strongly agreed that course objectives are clear. The 31% agreed with the notion. 26% are Uncertain. Only 4% do not agree and 4% strongly disagreed. The course load was manageable as 33% of the students strongly agreed and 29% of the students agreed, 19% are uncertain, 14% of the students do not agree and 5% strongly disagreed. The course material was well organized and 28% of students are strongly agreed while 38% of the students are agreed, 24% are uncertain, 5% disagree and 5% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 9% of the students and 37% strongly agreed, 18% are uncertain, 27% disagree and 9% disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 30% of the students and strongly agreed by 30% of the students, 20% are uncertain, 5% disagree and 15% strongly disagree.

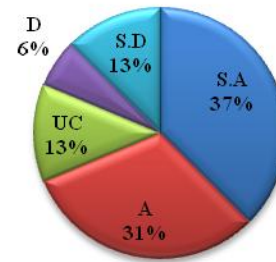




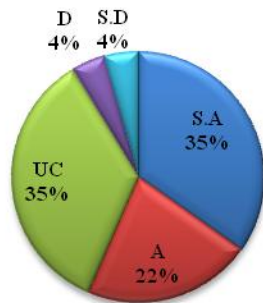
Ideas and concepts were presented clearly



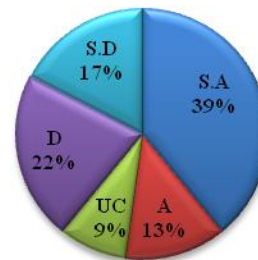
The method of assessment were reasonable



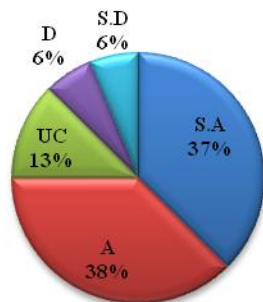
Feedback on assessment was timely



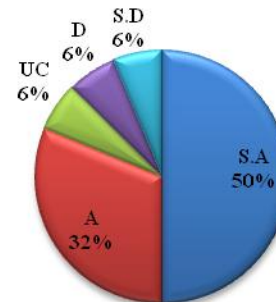
Feedback on assessment was helpful



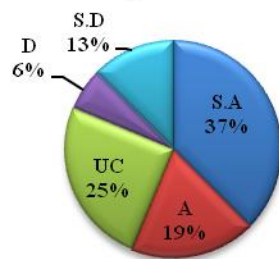
I understood the lectures



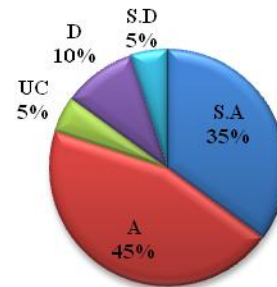
The material was well organized and presented

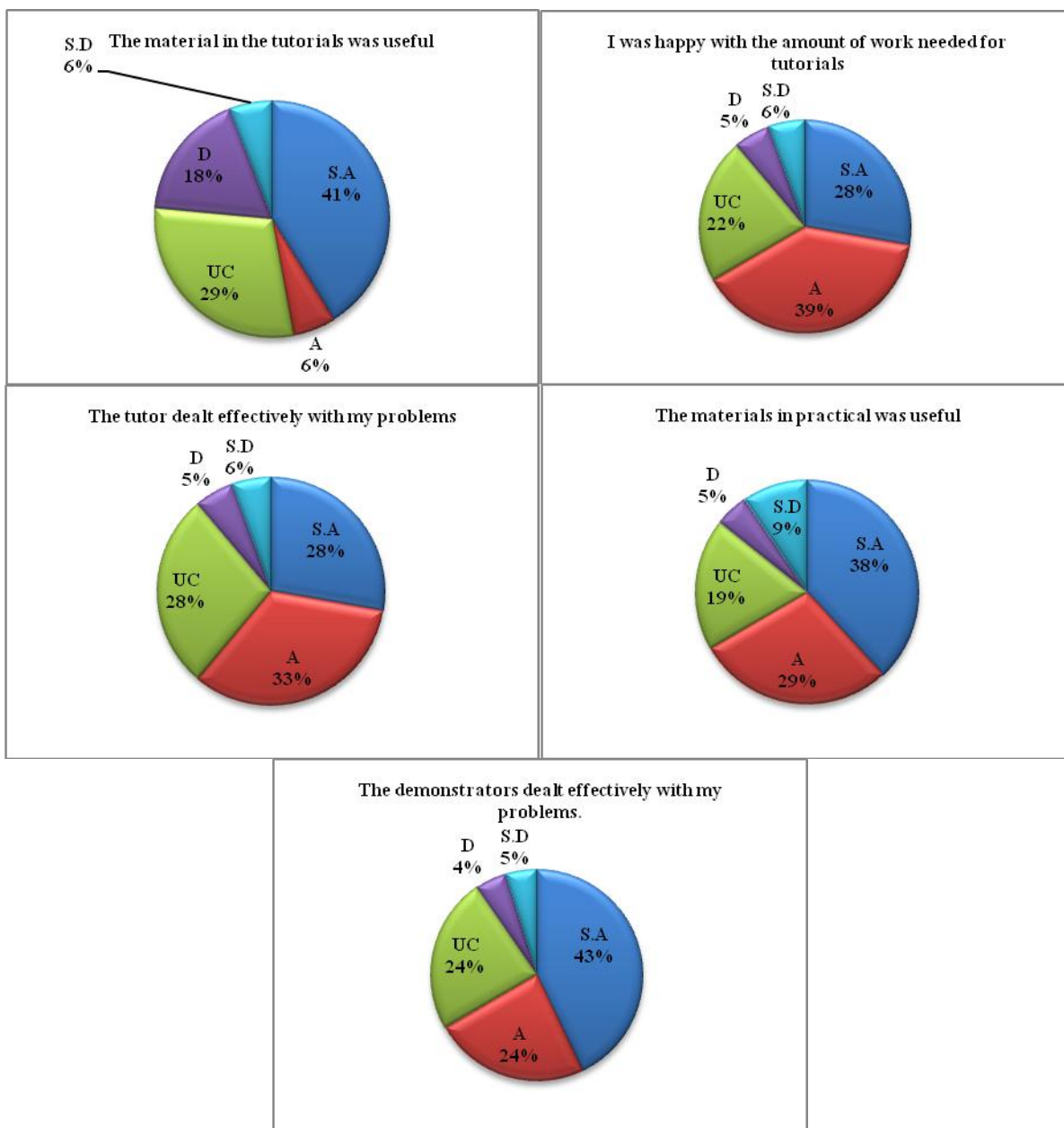


The instructor was responsive to student needs and problems



Had the instructor been regular throughout the course?





General Comments of Students about this course:

Strengths :

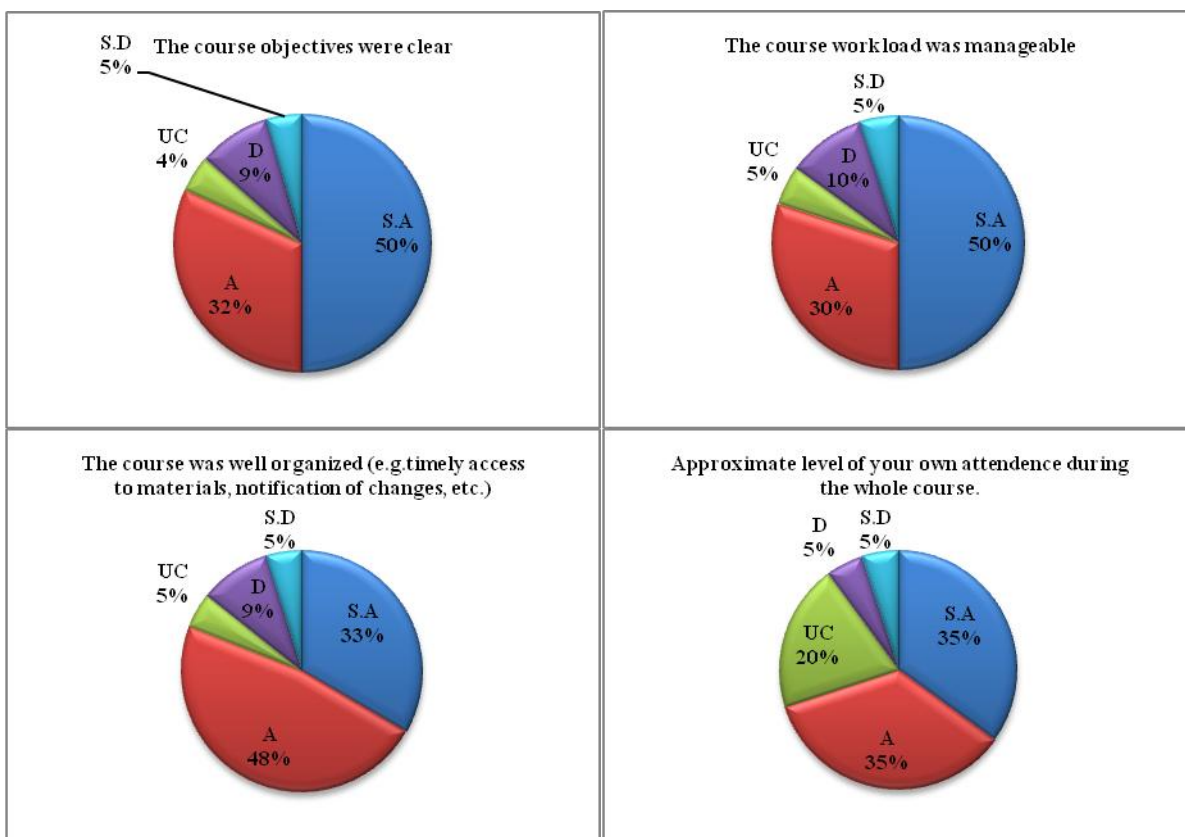
- Conducive environment in class
- Good communication with students
- Well organized material

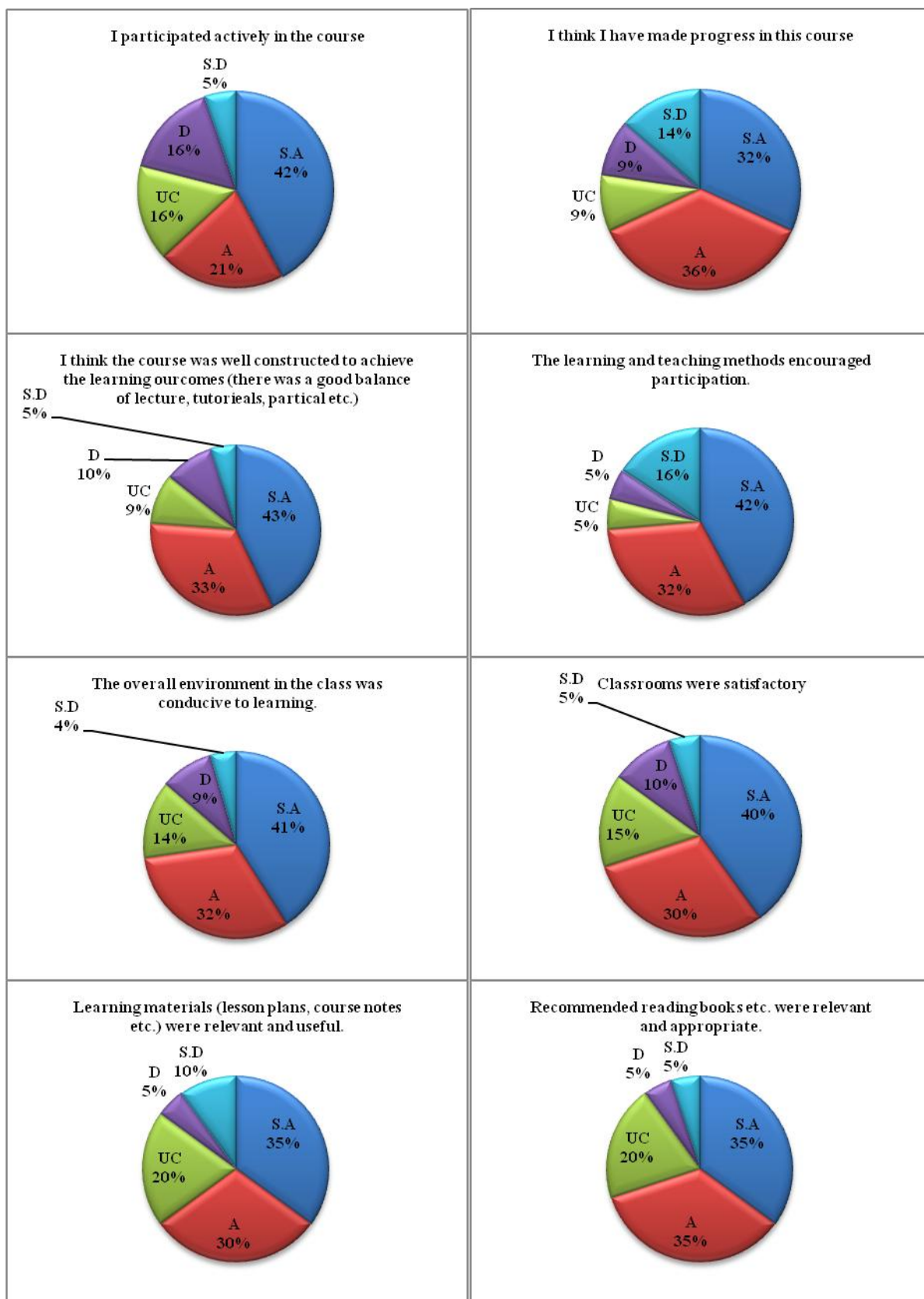
Weaknesses:

- Tutorials should be added
- More practical material should be added

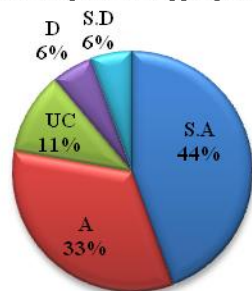
CS-443 (Mr. Muhammad Nazir)

The graph shows that 50% of the students strongly agreed that course objectives are clear. The 32% agreed with the notion. 4% are uncertain. Only 9% do not agree and 5% strongly disagreed. The course load was manageable as 50% of the students strongly agreed and 30% of the students agreed. 5% are uncertain. 10% of the students do not agree and 5% strongly disagreed. The course material was well organized 48% of the students agreed and 33% of the students are strongly agreed, 5% are uncertain, 9% disagree and 5% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 35% of the students and 35% strongly agreed, 20% are uncertain, 5% disagree and 5% strongly disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 32% of the students and strongly agreed by 42% of the students. 5% are uncertain, 5% disagree and around 16% of the students strongly disagreed with the concept.

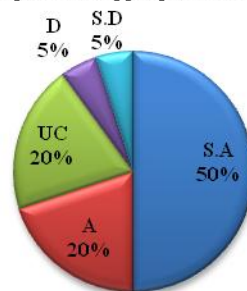




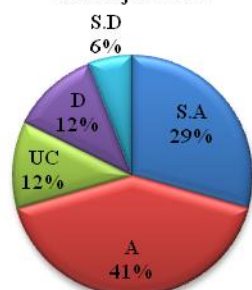
The provision of learning resources in the library was adequate and appropriate.



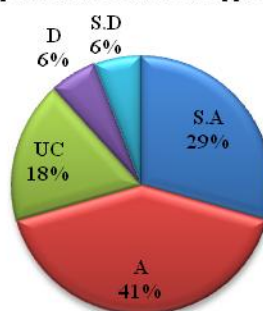
The provision of learning resources on the web was adequate and appropriate. (if relevant)



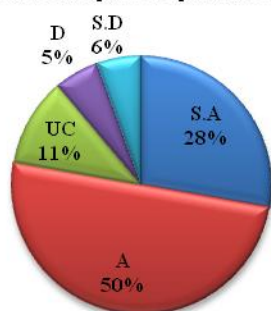
The course stimulated by interest and thought on the subject area.



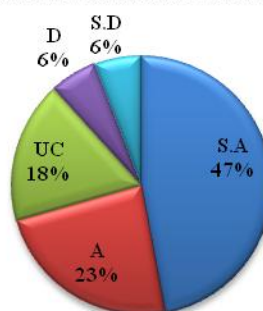
The pace of the course was appropriate



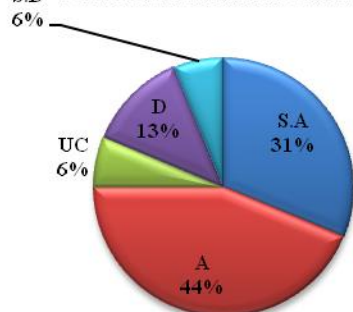
Ideas and concepts were presented clearly



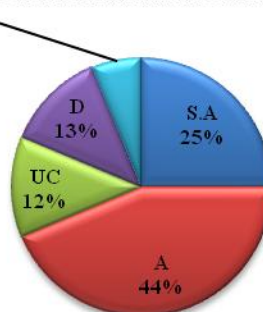
The method of assessment were reasonable

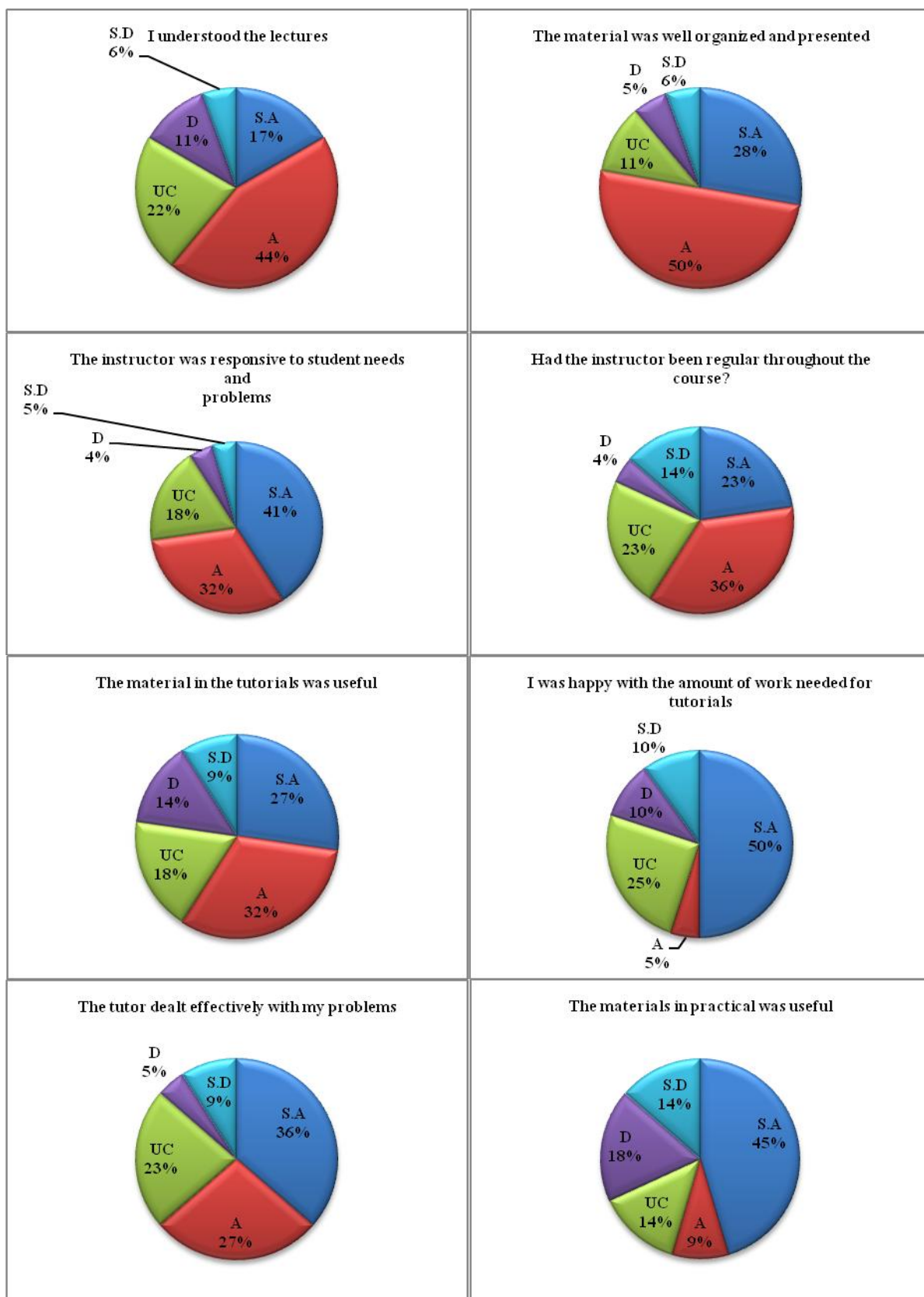


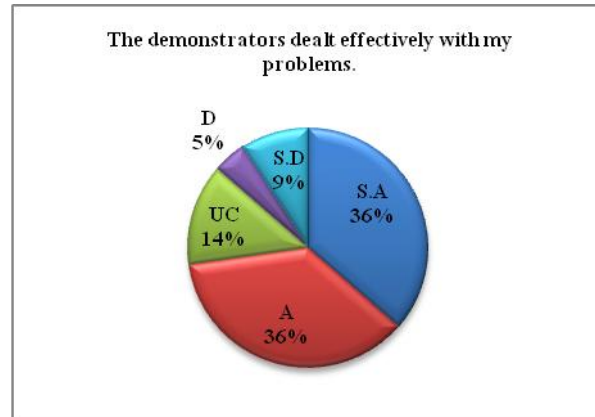
S.D Feedback on assessment was timely



S.D Feedback on assessment was helpful







General Comments of Students about this course:

Strengths :

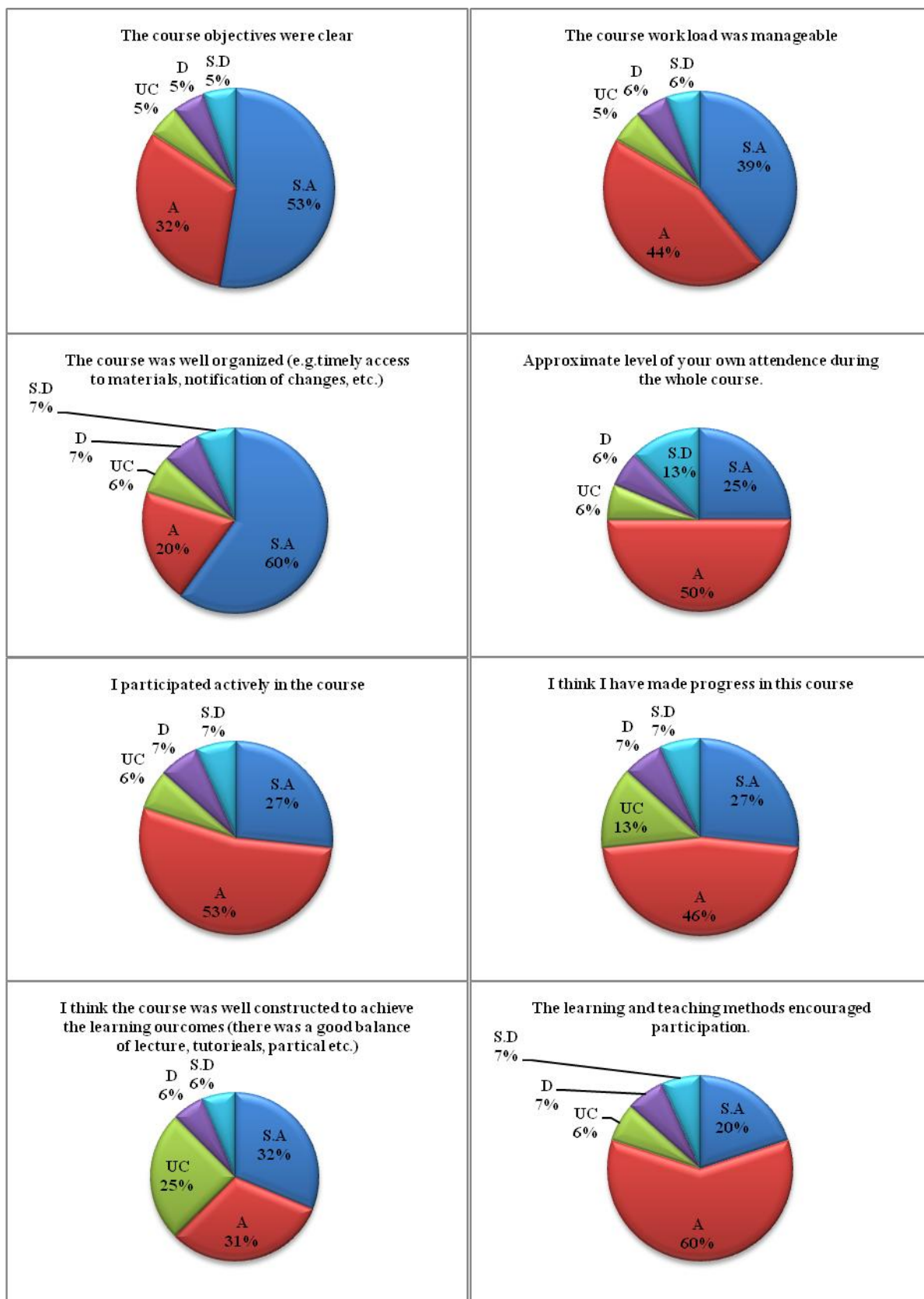
- Understanding of the course
- Good reference material was provided

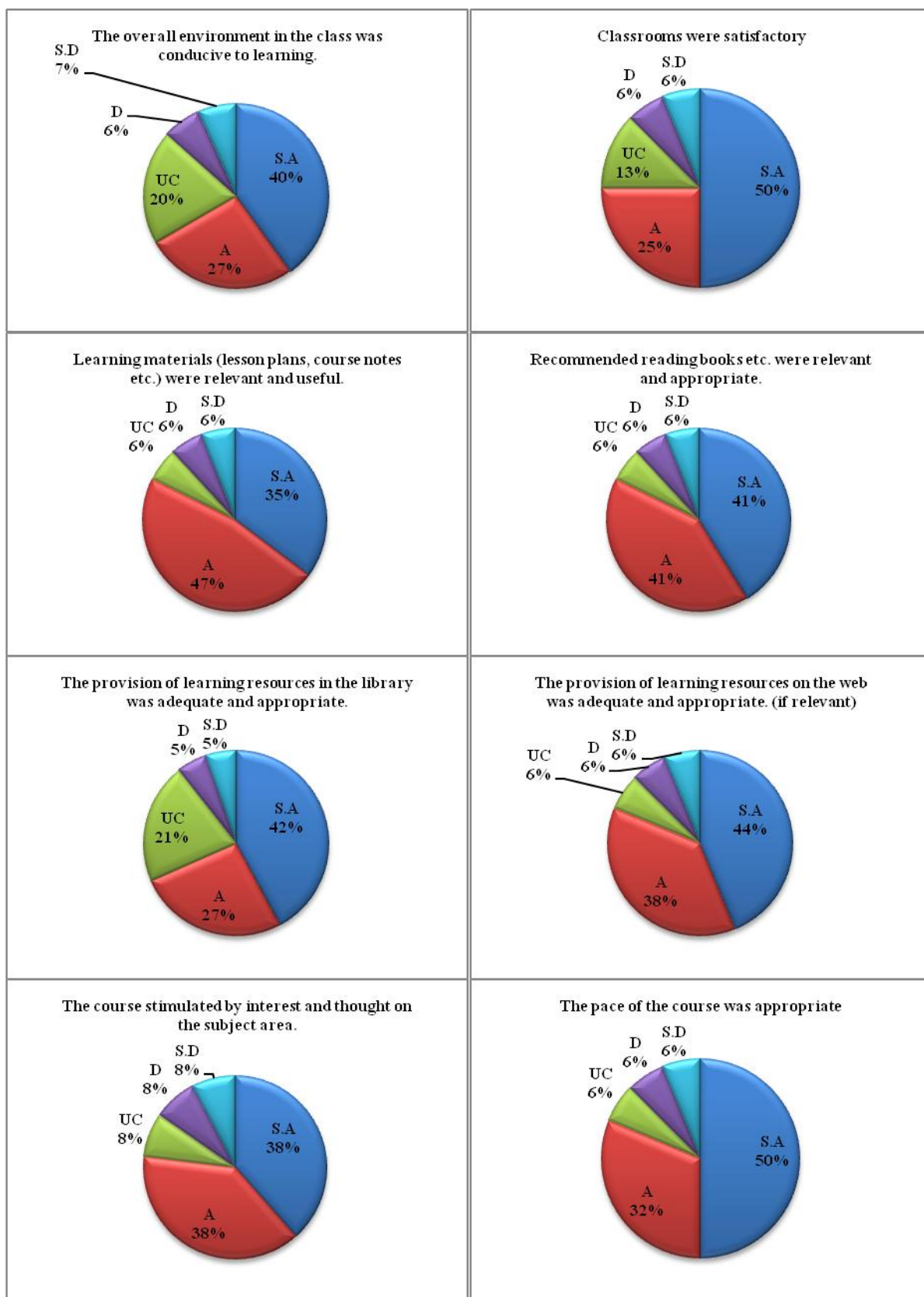
Weaknesses:

- Objectives should be more clear

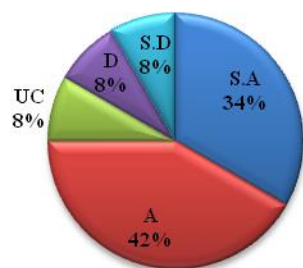
CS-443 (Mr. Syed Mushhad Gillani)

The graph shows that 53% of the students strongly agreed that course objectives are clear. The 32% agreed with the notion. 5% are uncertain, Only 5% do not agree and 5% strongly disagreed. The course load was manageable as 39% of the students strongly agreed and 44% of the students agreed. 5% are uncertain, 6% of the students do not agree and 6% strongly disagreed. The course material was well organized this is agreed by 20% of the students and strongly agreed by 60% of the students, 6% are uncertain, 7% disagree and 7% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 50% of the students and 25% strongly agreed, 6% uncertain, 6% disagree and 13% strongly disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 60% and strongly agreed by 20% of the students. 6% are uncertain, 7% disagree and 7% strongly disagree.

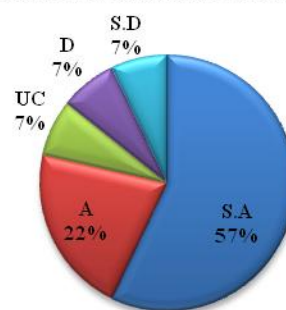




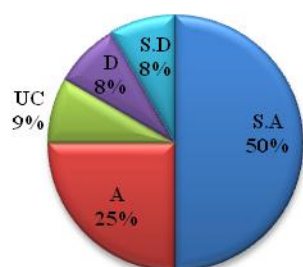
Ideas and concepts were presented clearly



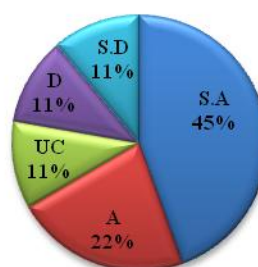
The method of assessment were reasonable



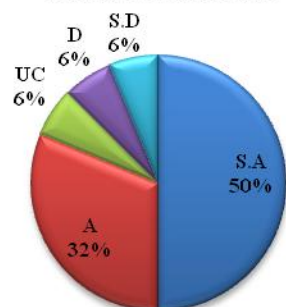
Feedback on assessment was timely



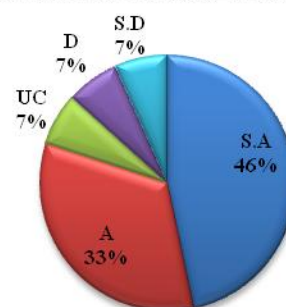
Feedback on assessment was helpful



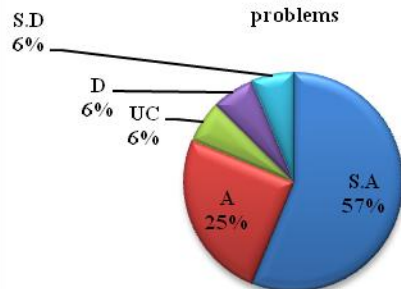
I understood the lectures



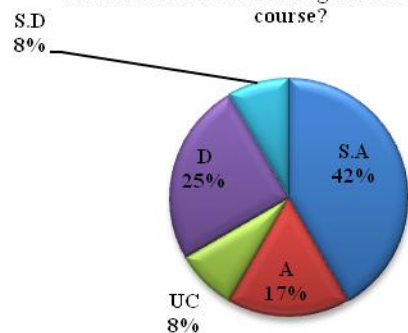
The material was well organized and presented

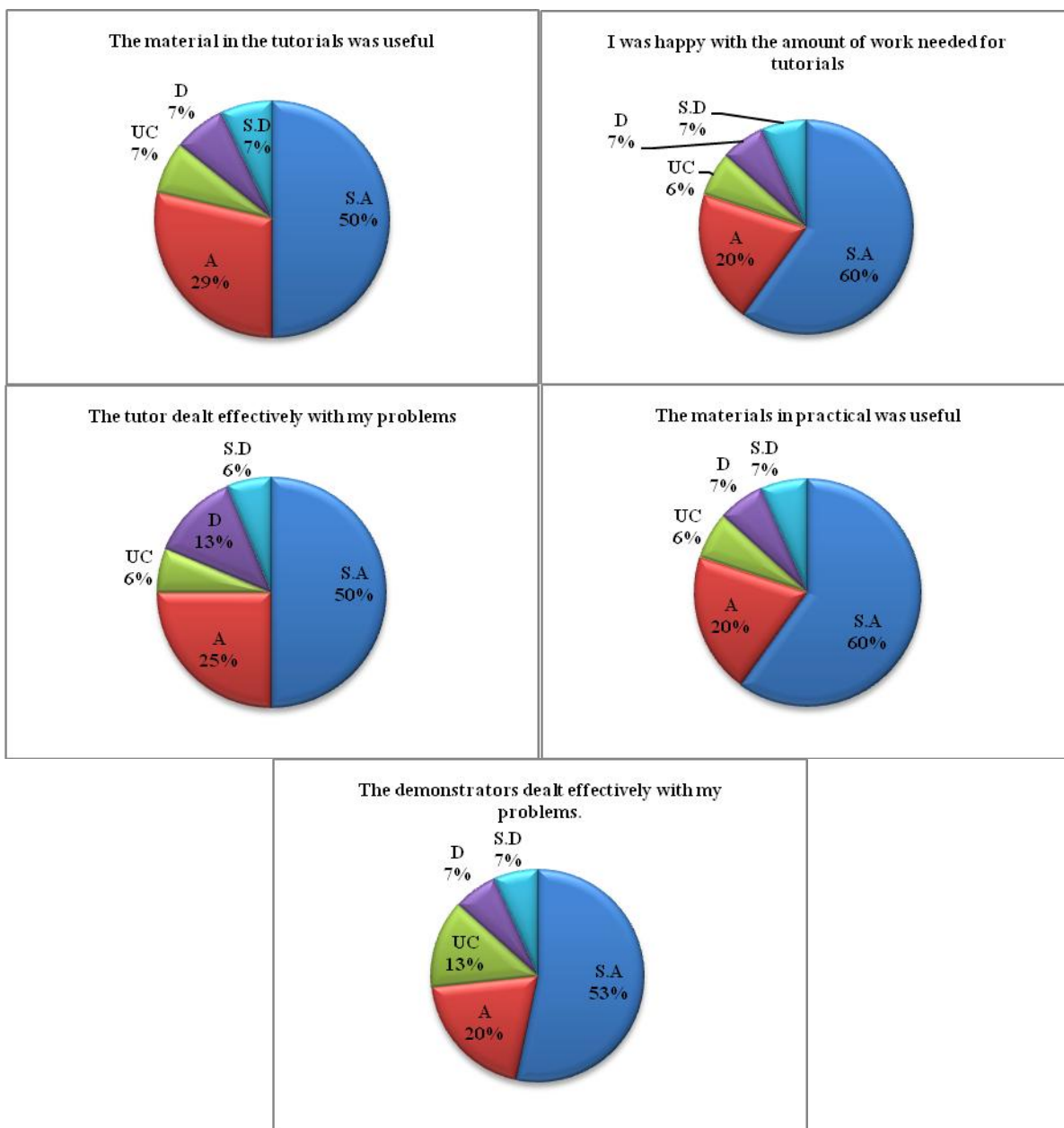


The instructor was responsive to student needs and problems



Had the instructor been regular throughout the course?





General Comments of Students about this course:

Strengths :

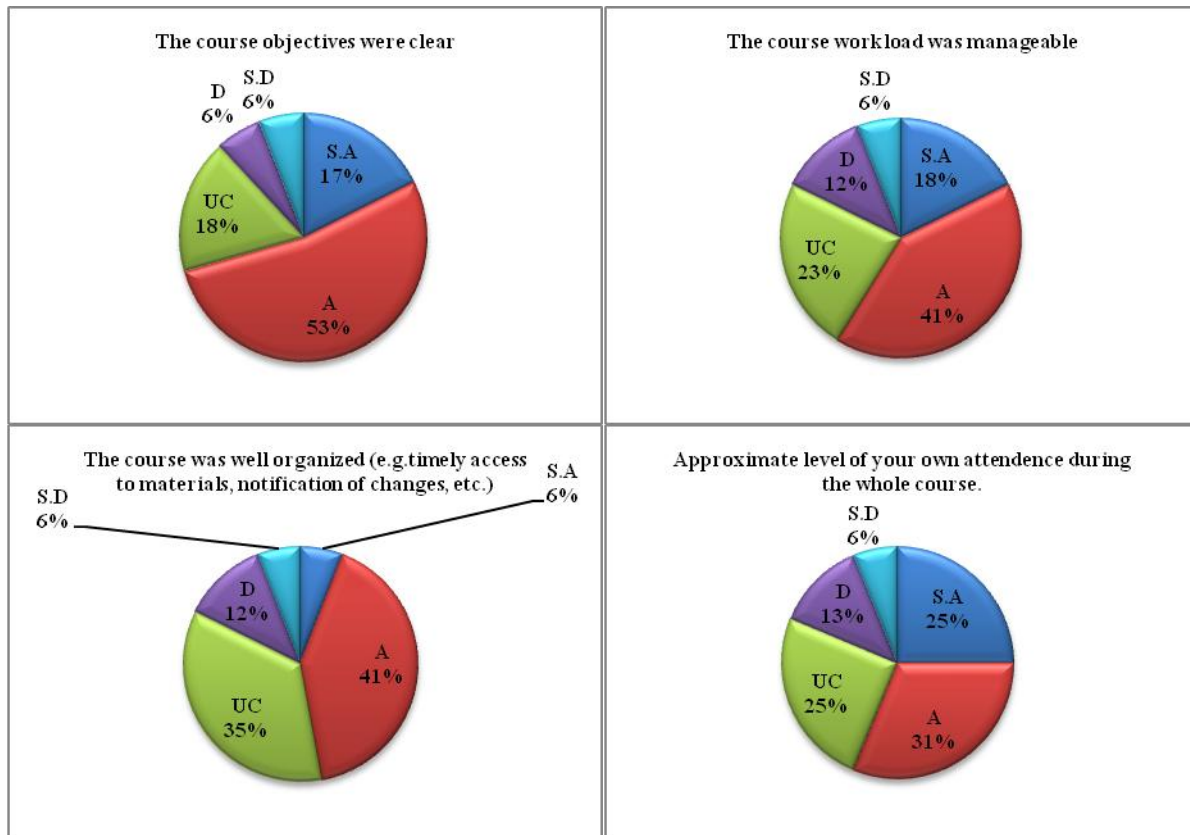
- Understanding of the course
- Clear Objectives
- Well organized material

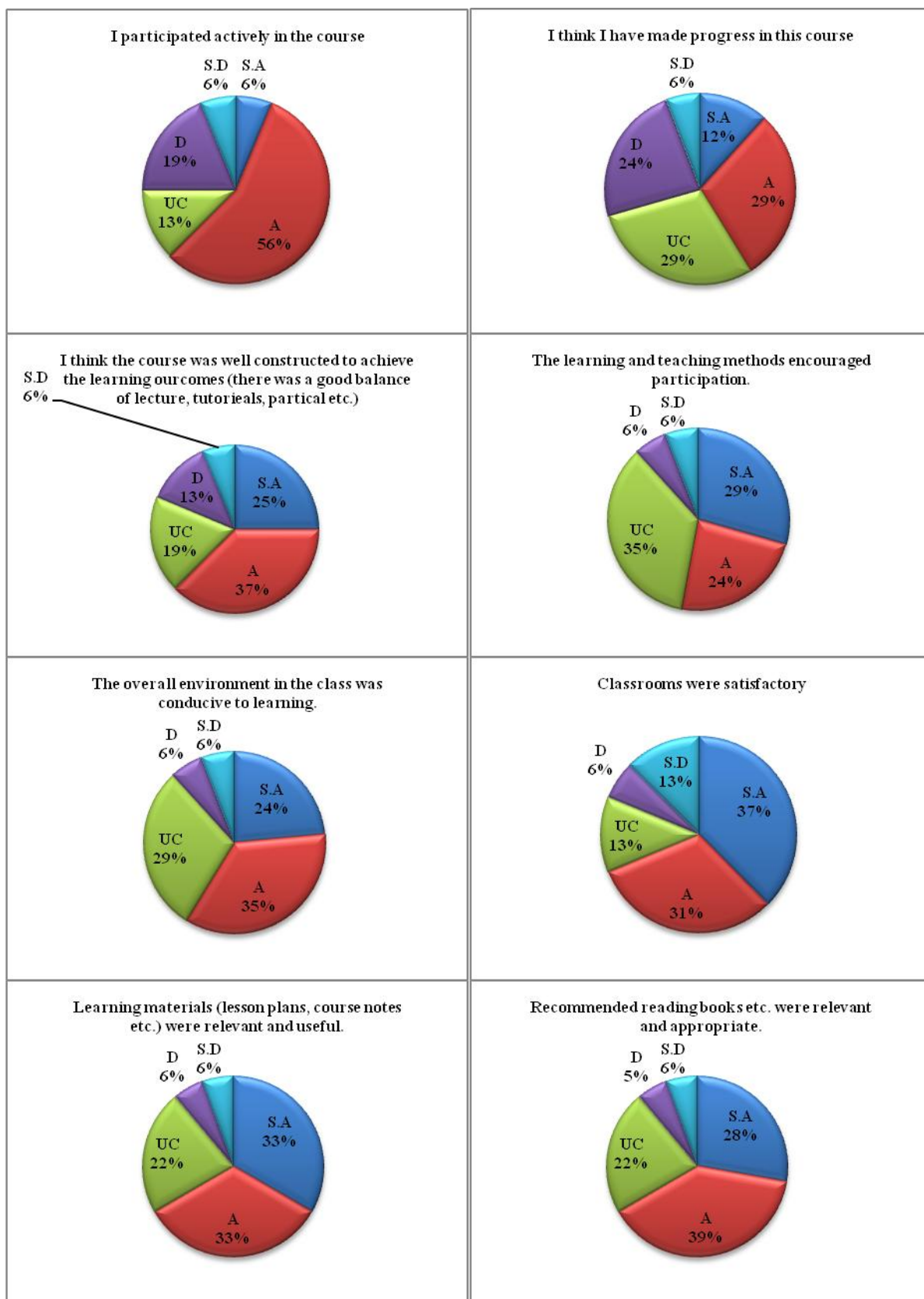
Weaknesses:

- More practical material should be added

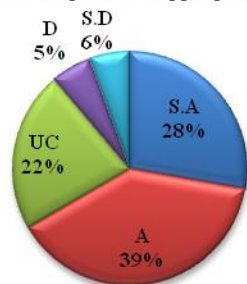
CS-465 (Ms. Bushra Hamid)

The graph shows that 17% of the students strongly agreed that course objectives are clear. The 53% agreed with the notion. 18% are uncertain, Only 6% do not agreed and 6% strongly disagreed. The course load was manageable as 18% of the students strongly agreed and 41% of the students agreed. 23% are uncertain, 12% of the students do not agreed and 6% strongly disagreed. The course material was well organized 41% of the students agreed and 6% are strongly agreed, 35% are uncertain, 12% disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 31% of the students and 25% strongly agreed. 25% are uncertain, 13% disagree and 6% are stonlglg agree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 24% of the students and strongly agreed by 29% of the students. 35% are uncertain, Around 6% of the students do not agreed, 6% strongly disagree with the concept.

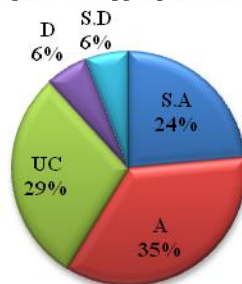




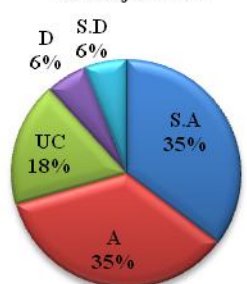
The provision of learning resources in the library was adequate and appropriate.



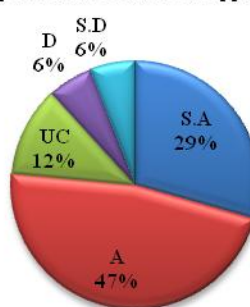
The provision of learning resources on the web was adequate and appropriate. (if relevant)



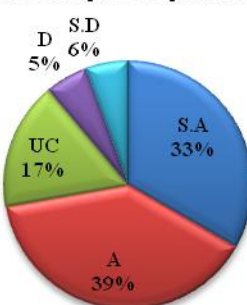
The course stimulated by interest and thought on the subject area.



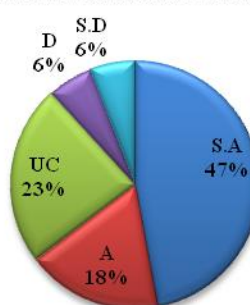
The pace of the course was appropriate



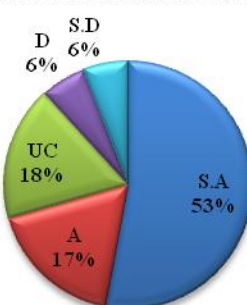
Ideas and concepts were presented clearly



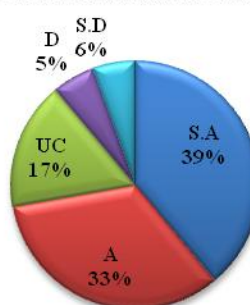
The method of assessment were reasonable

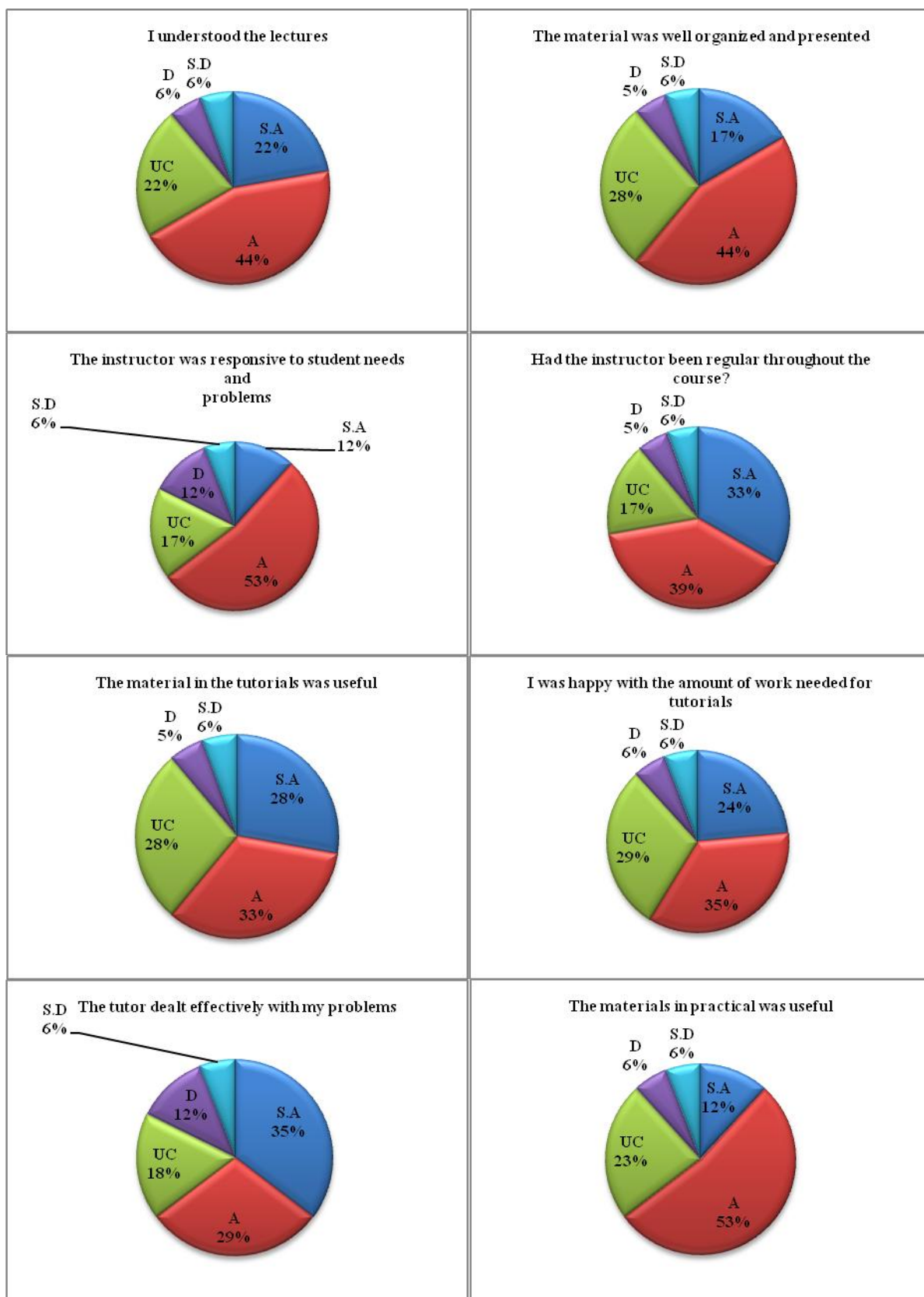


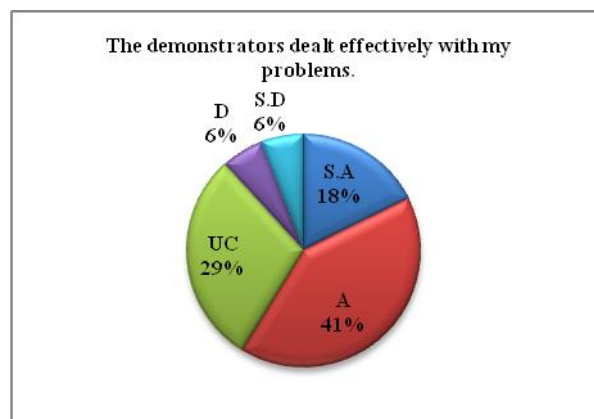
Feedback on assessment was timely



Feedback on assessment was helpful







General Comments of Students about this course:

Strengths :

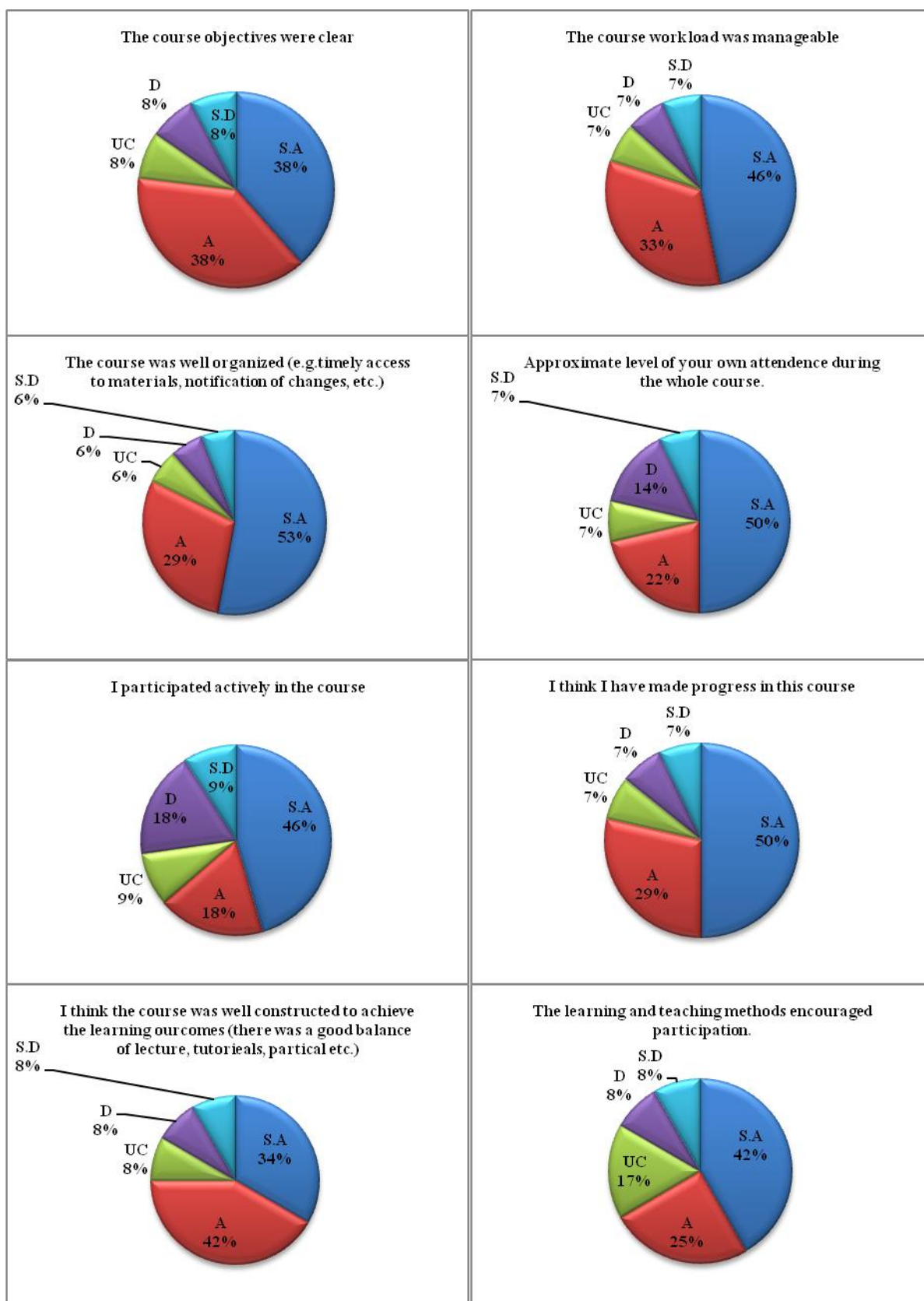
- Objectives well clear
- Reference material provided
- Well organized material

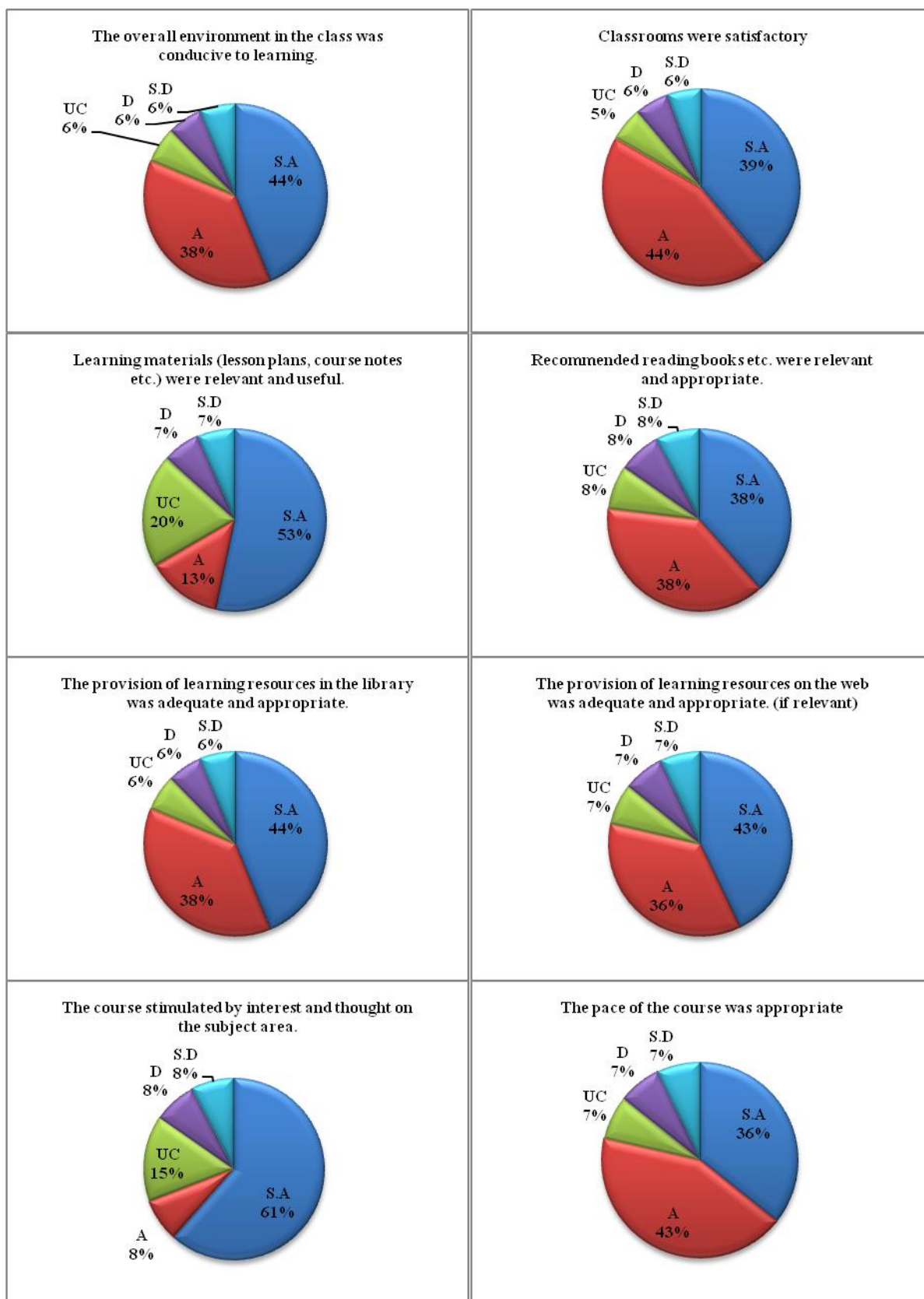
Weaknesses:

- The demonstration should be more effective

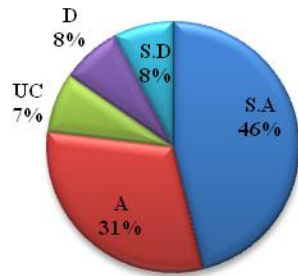
CS-565 (Mr. Yasir Hafeez)

The graph shows that 38% of the students strongly agreed that course objectives are clear. The 38% agreed with the notion. 8% are uncertain. Only 8% do not agree and 8% strongly disagreed. The course load was manageable as 46% of the students strongly agreed and 33% of the students agreed. 7% are uncertain, 7% of the students do not agree and 7% strongly disagreed. The course material was well organized and 29% of the students agreed while 53% of the students strongly agreed, 6% are uncertain, 6% disagree and 6% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 50% of the students and 22% strongly agreed, 7% are uncertain, 14% disagree and 7% strongly disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 42% of the students and strongly agreed by 25% of the students. 17% are uncertain, 8% disagree and 8% of the students strongly disagreed with the concept.

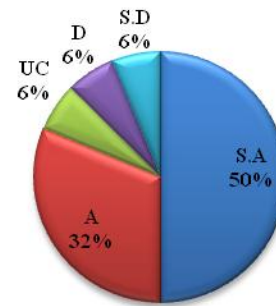




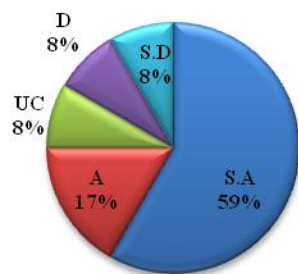
Ideas and concepts were presented clearly



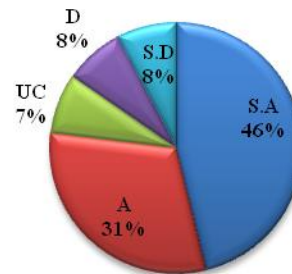
The method of assessment were reasonable



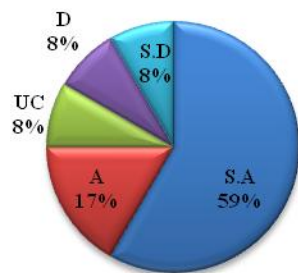
Feedback on assessment was timely



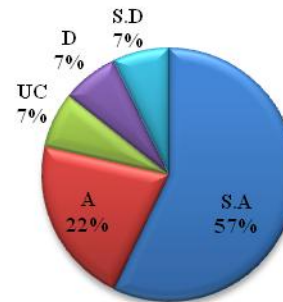
Feedback on assessment was helpful



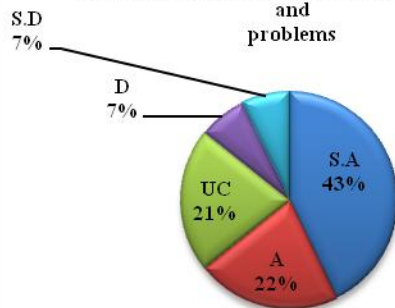
I understood the lectures



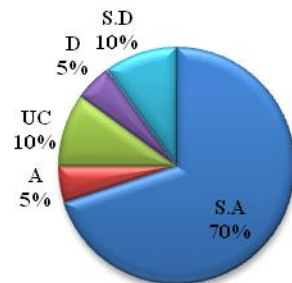
The material was well organized and presented

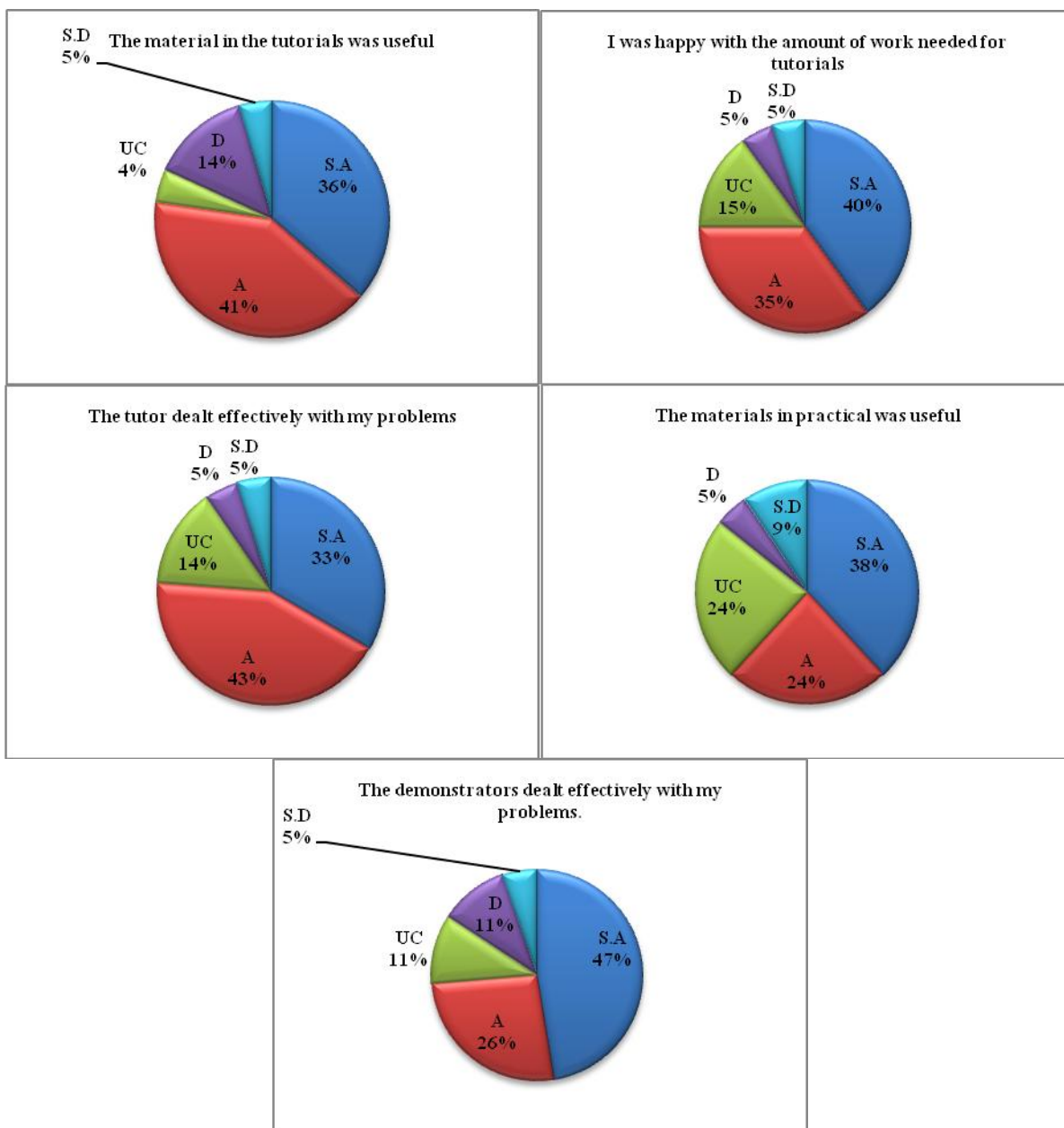


The instructor was responsive to student needs and problems



Had the instructor been regular throughout the course?





General Comments of Students about this course:

Strengths :

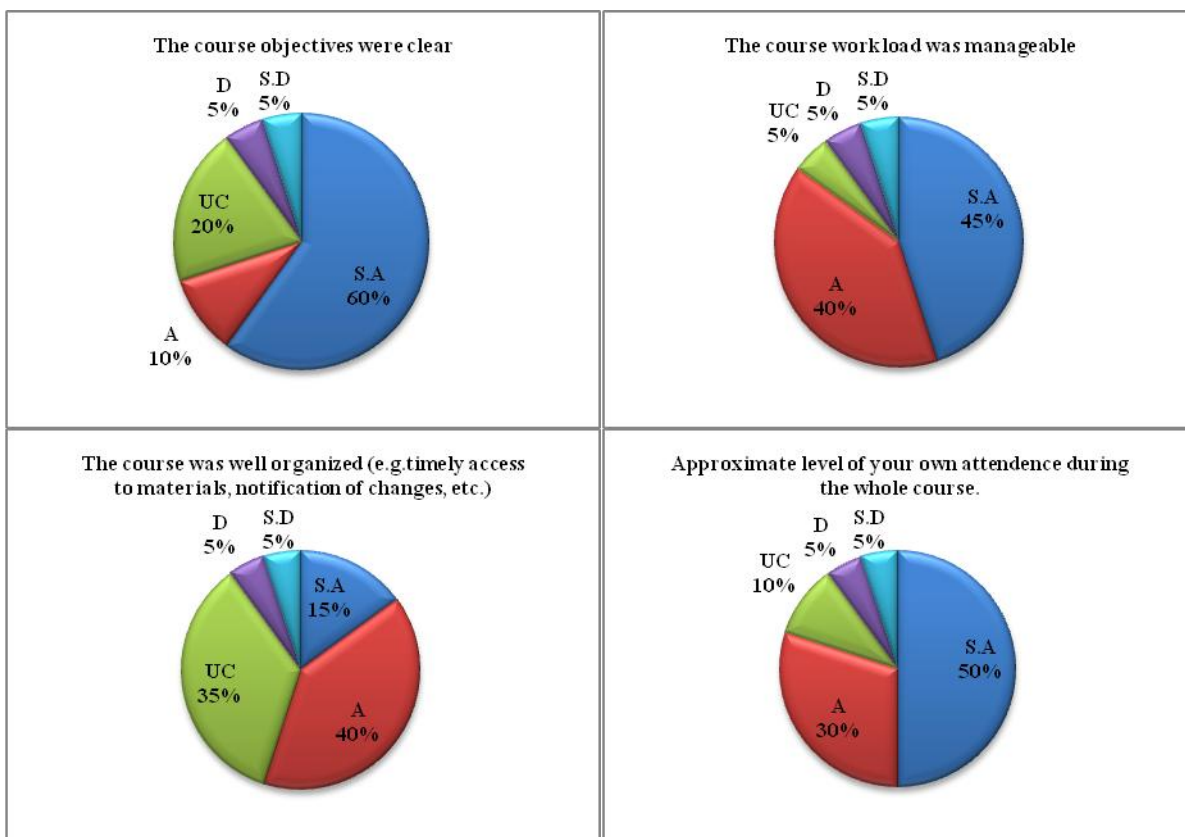
- Taught well
- Well organized material
- Effective teaching method

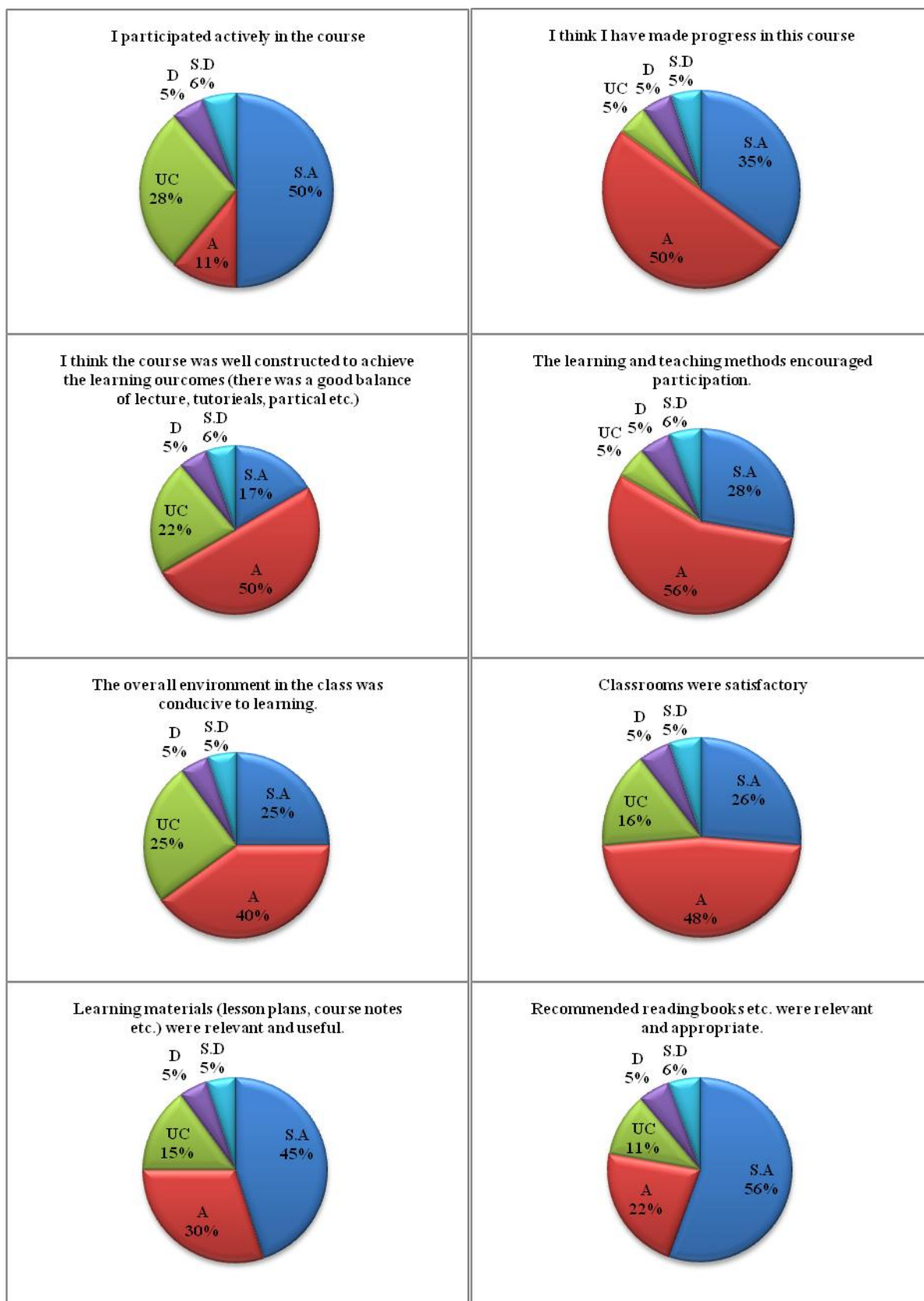
Weaknesses:

- More practical material needed
- More reference material needed

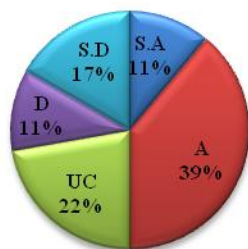
CS-552 (Mr. Muhammad Ramzan)

The graph shows that 60% of the students strongly agreed that course objectives are clear. The 10% agreed with the notion. 20% are uncertain, Only 5% do not agree and 5% strongly disagreed. The course load was manageable as 45% of the students strongly agreed and 40% of the students agreed. 5% are uncertain, 5% of the students do not agree and 5% strongly disagreed. The course material was well organized 15% students are strongly agreed and 40% of the students are agreed. 35% uncertain, 5% disagree, 5% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 30% of the students and 50% strongly agreed, 10% are uncertain, 5% disagree and 5% strongly disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 56% of the students and strongly agreed by 28% of the students. 5% are uncertain, 5% disagree and around 6% of the students strongly disagreed with the concept.

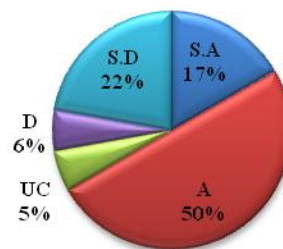




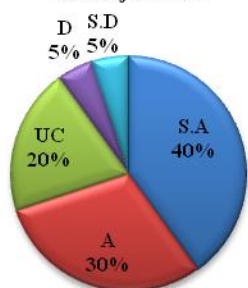
The provision of learning resources in the library was adequate and appropriate.



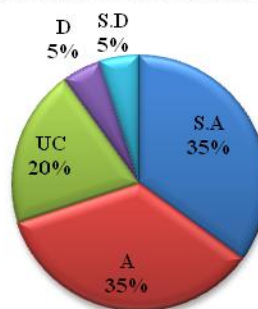
The provision of learning resources on the web was adequate and appropriate. (if relevant)



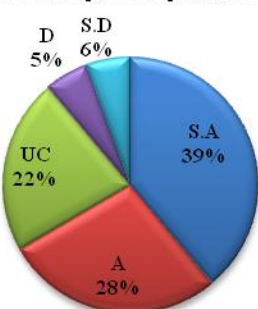
The course stimulated by interest and thought on the subject area.



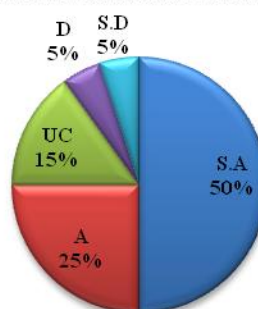
The pace of the course was appropriate



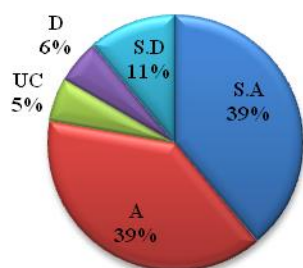
Ideas and concepts were presented clearly



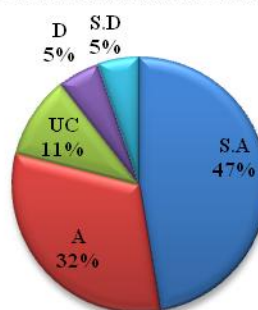
The method of assessment were reasonable

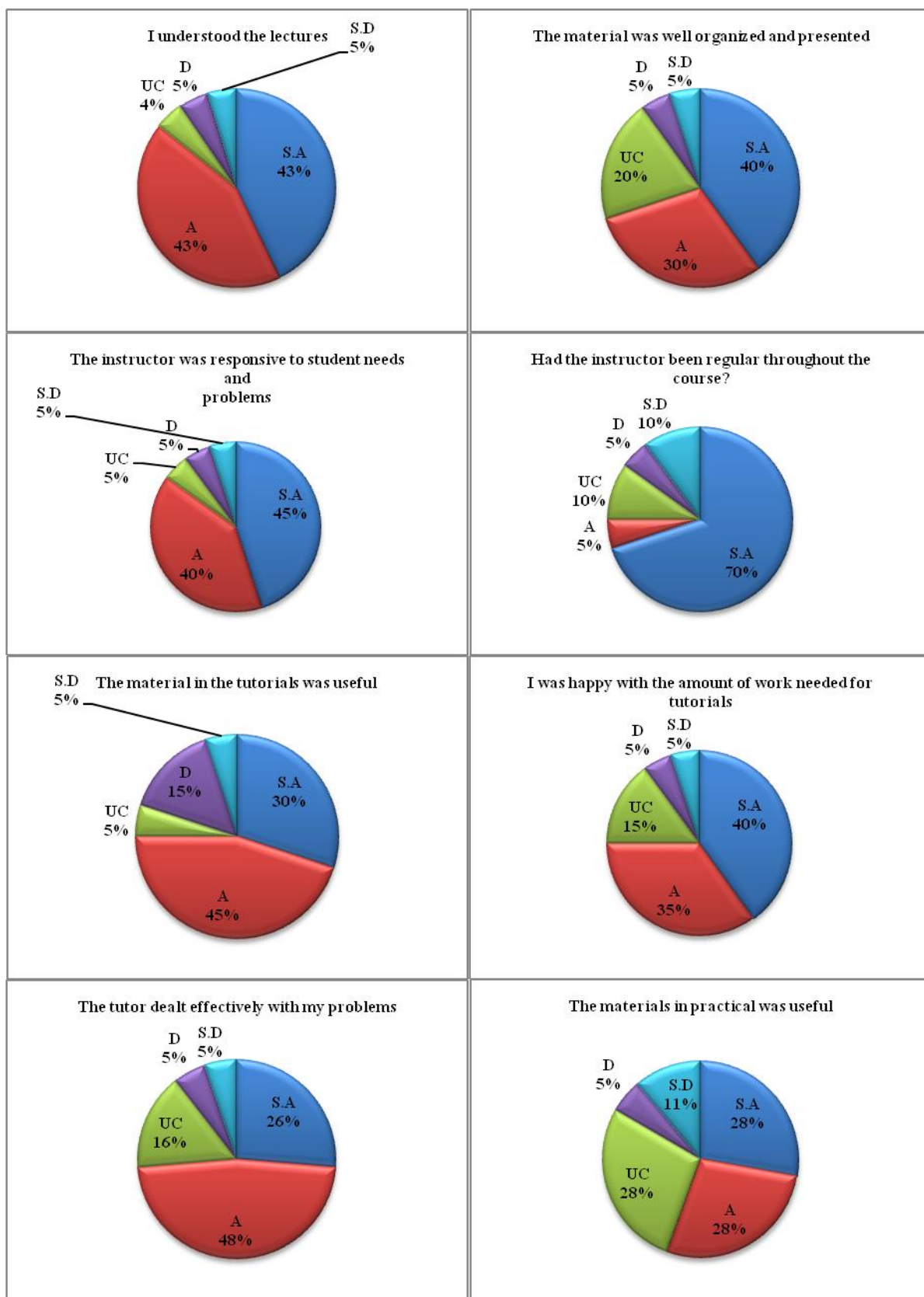


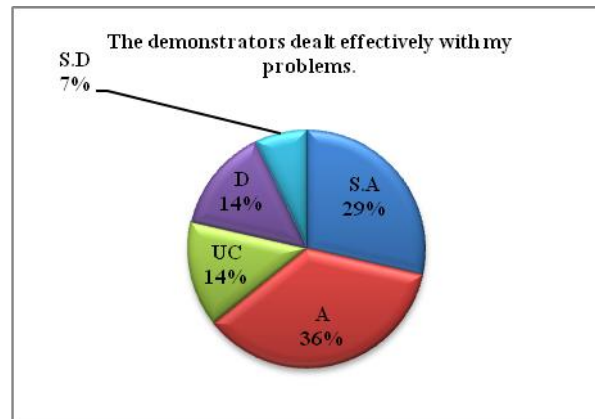
Feedback on assessment was timely



Feedback on assessment was helpful







General Comments of Students about this course:

Strengths :

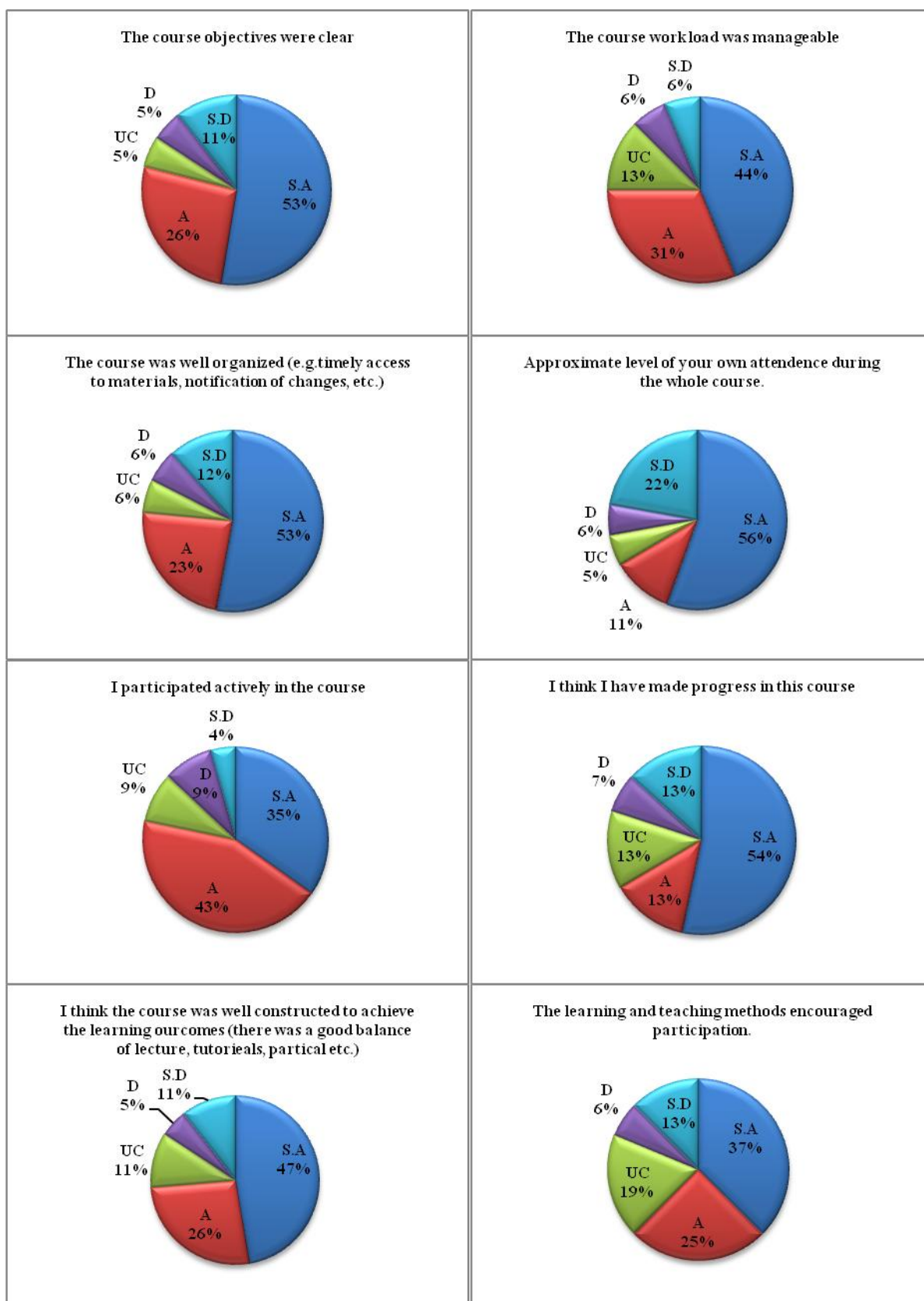
- Effective teaching
- Learning material was good

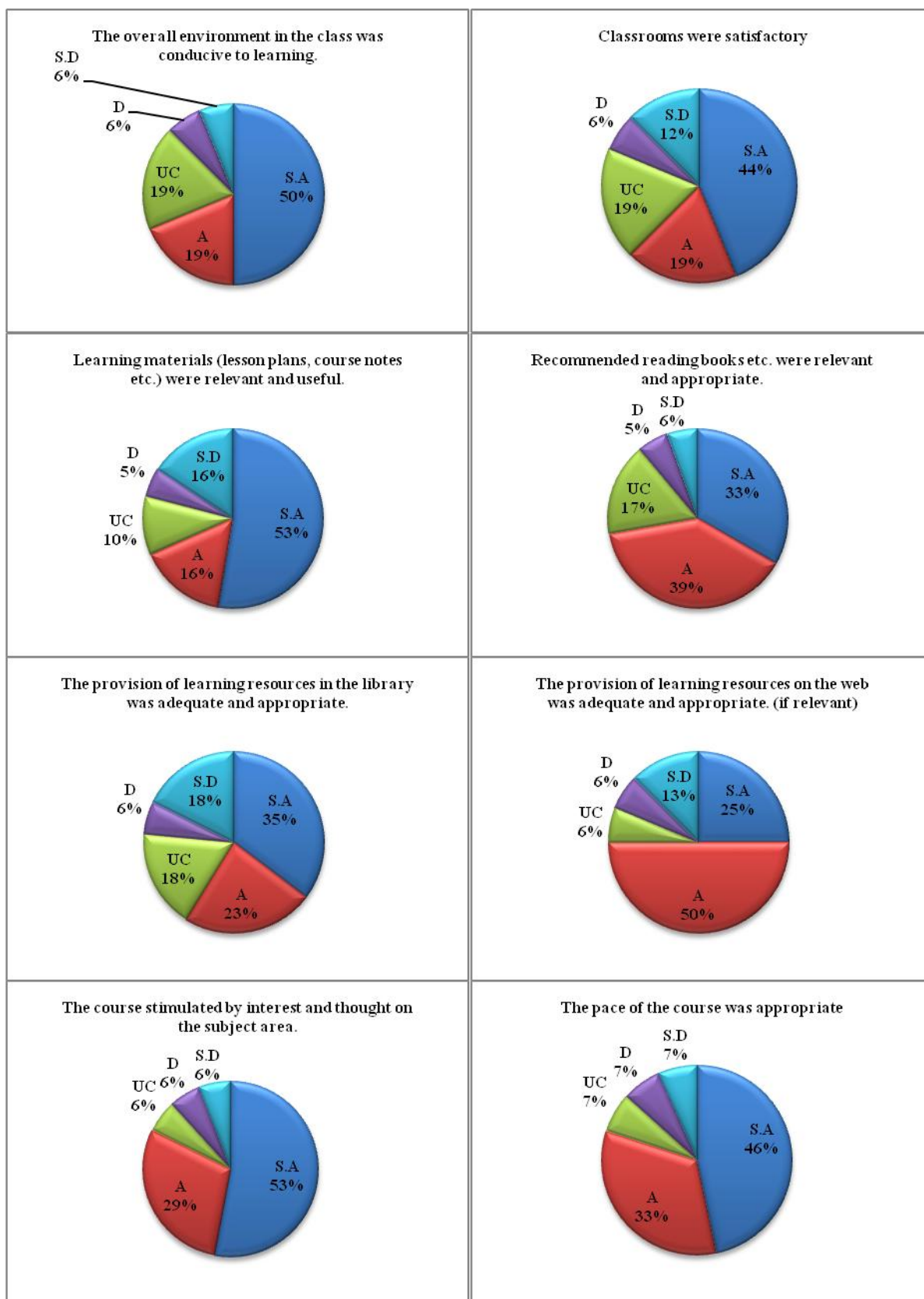
Weaknesses:

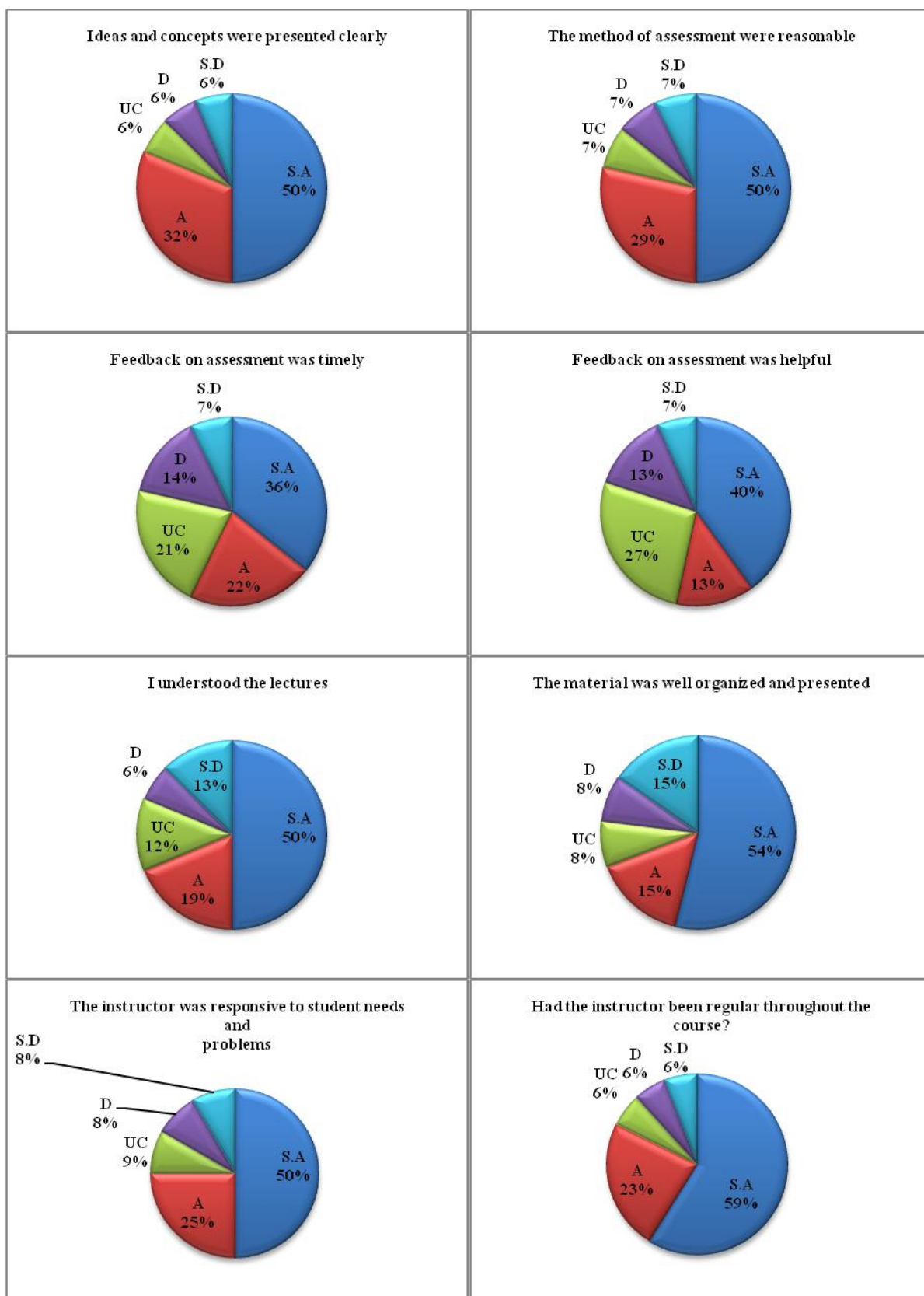
- Extra course load

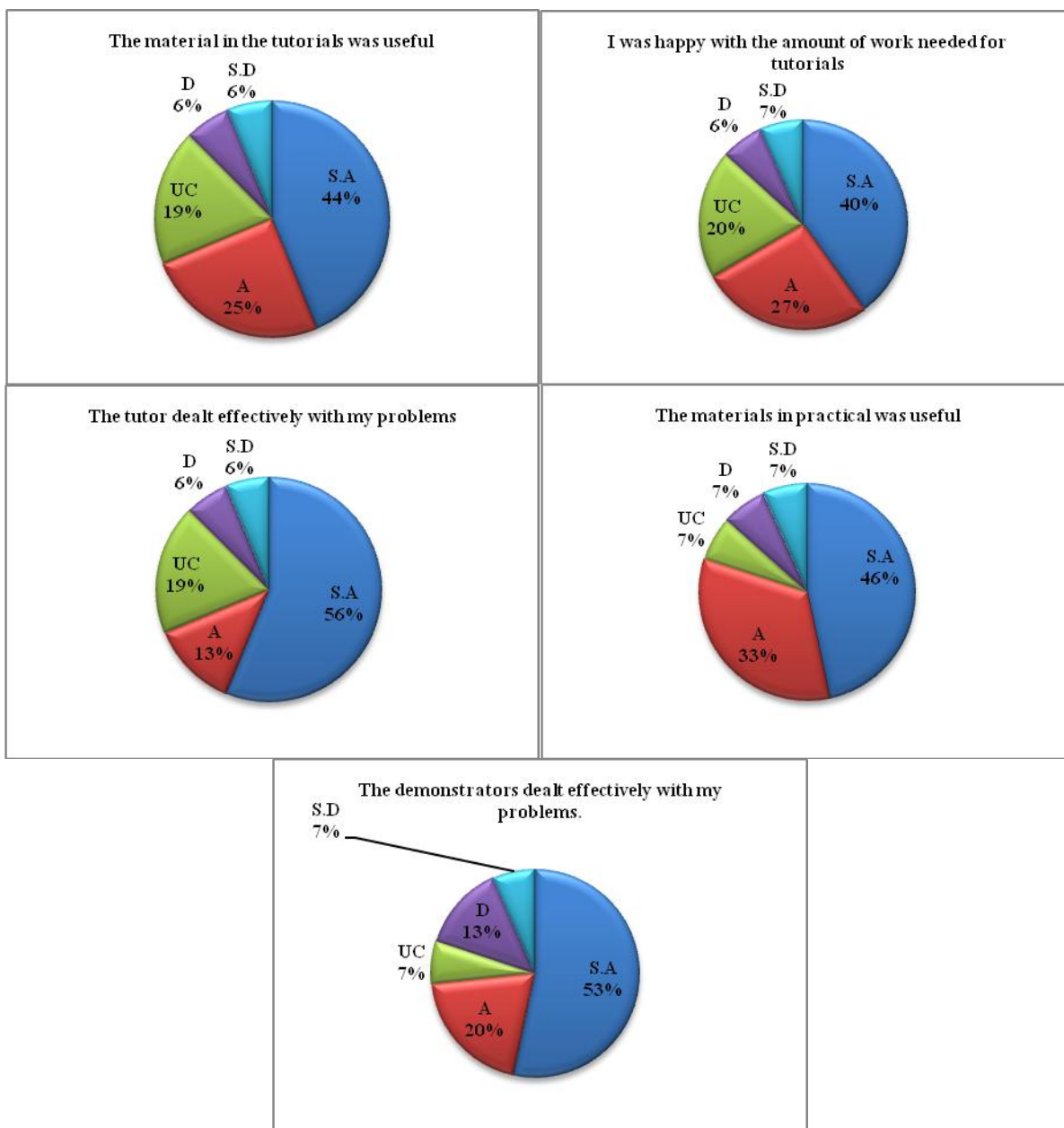
CS-686 (Mr. Muhammad Ramzan)

The graph shows that 53% of the students strongly agreed that course objectives are clear. The 26% agreed with the notion. 5% are uncertain, Only 5% do not agree and 11% strongly disagreed. The course load was manageable as 44% of the students strongly agreed and 31% of the students agreed. 13% are uncertain, 6% of the students do not agree and 6% strongly disagreed. The course material was well organized this is agreed by 23% and strongly agreed by 53% of the students, 6% are uncertain, 6% disagree and 12% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is strongly agreed by 56% of the students and 11% agreed, 5% are uncertain, 6% disagree and 22% strongly disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 25% of the students and strongly agreed by 37% of the students, 19% are uncertain, 6% disagree and 13% strongly disagree with the concept.









General Comments of Students about this course:

Strengths :

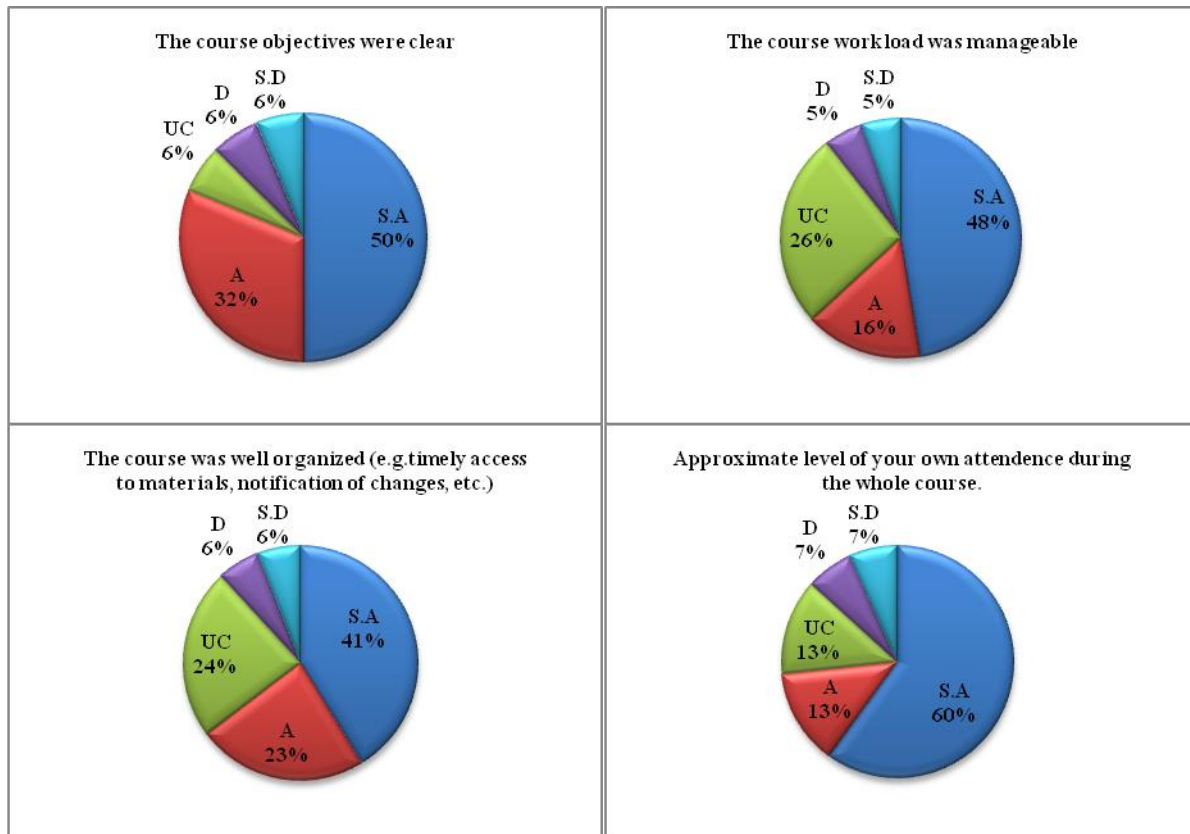
- Well organized course
- Reference material provided
- Teaching was effective

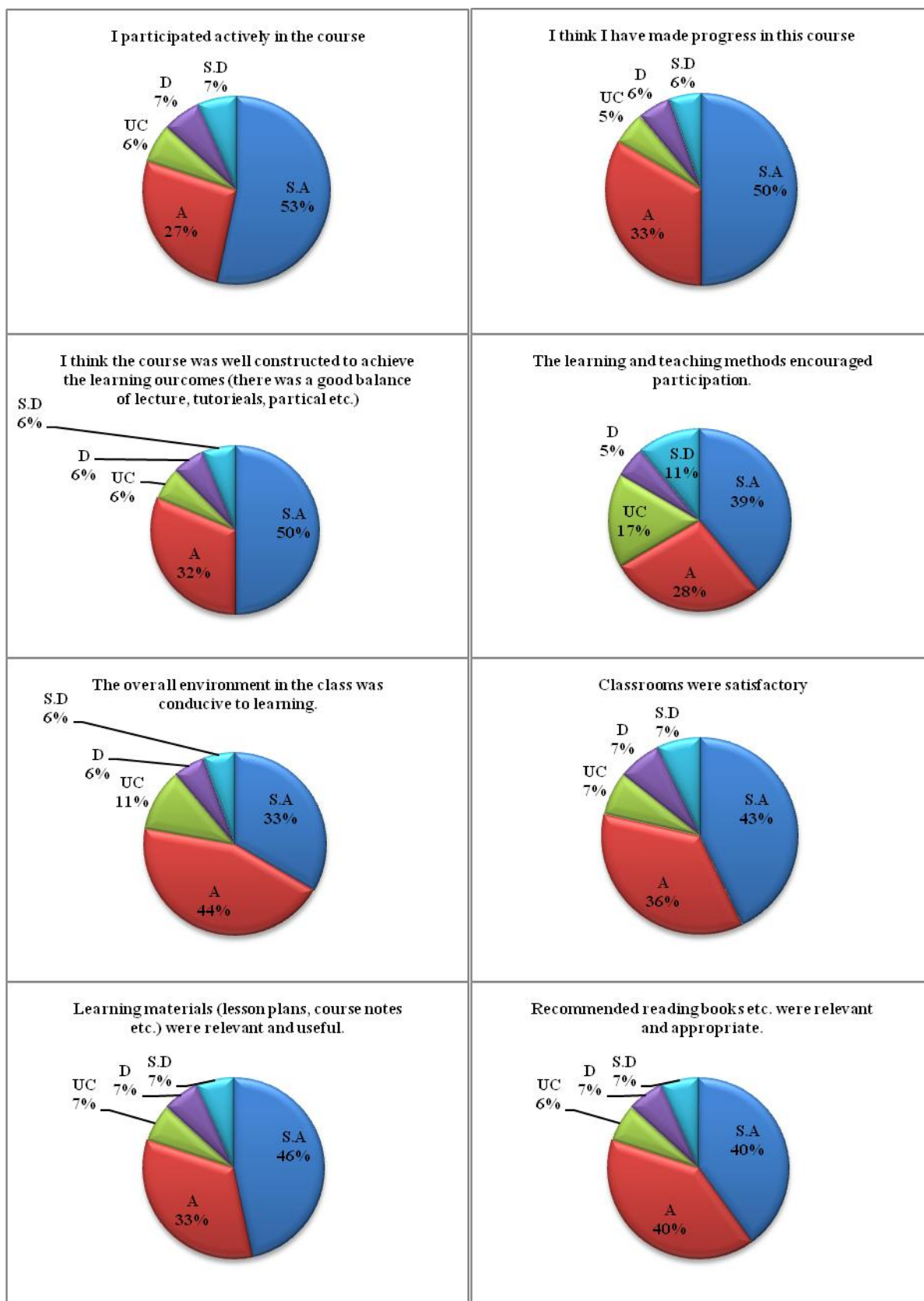
Weaknesses:

- More online resources should be provided

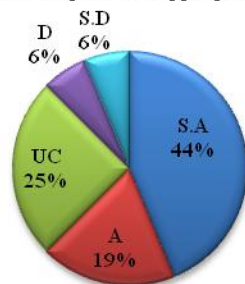
CS-582 (Mr. Nasir Mehmood Minhas)

The graph shows that 50% of the students strongly agreed that course objectives are clear. 32% agreed with the notion. 6% are uncertain, Only 6% do not agree and 6% strongly disagreed. The course load was manageable as 48% of the students strongly agreed and 16% of the students agreed. 26% are uncertain, 5% of the students do not agree and 5% strongly disagreed. The course material was well organized 23% of the students agreed and 41% of the students strongly agreed, 24% are uncertain, 6% disagree and 6% strongly disagreed. The approximate level of attendance of the teacher during the course was good, it is agreed by 60% of the students and 13% strongly agreed, 13% are uncertain, 7% disagree and 7% strongly disagreed. The learning and teaching method of the teacher encouraged the participants; this is agreed by 28% of the students and strongly agreed by 39% of the students, 17% are uncertain, 5% disagree and 11% strongly disagree.

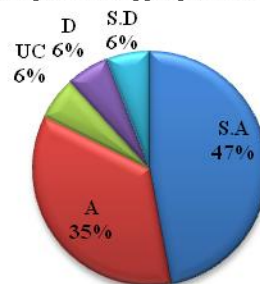




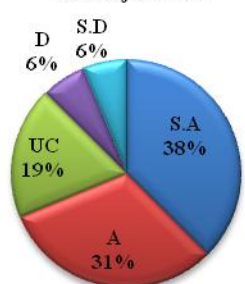
The provision of learning resources in the library was adequate and appropriate.



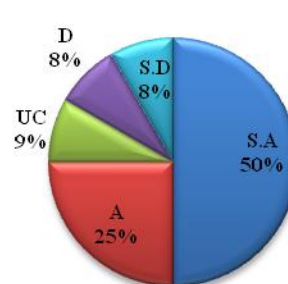
The provision of learning resources on the web was adequate and appropriate. (if relevant)



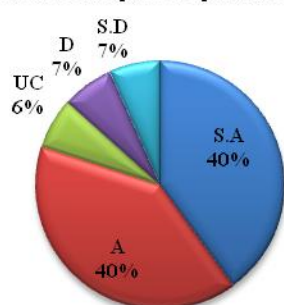
The course stimulated by interest and thought on the subject area.



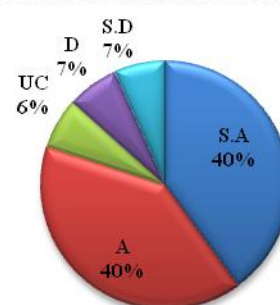
The pace of the course was appropriate



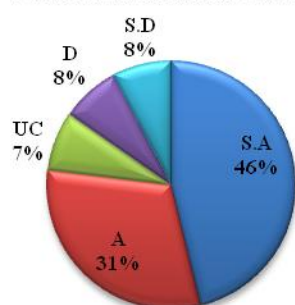
Ideas and concepts were presented clearly



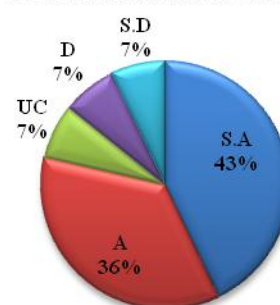
The method of assessment were reasonable

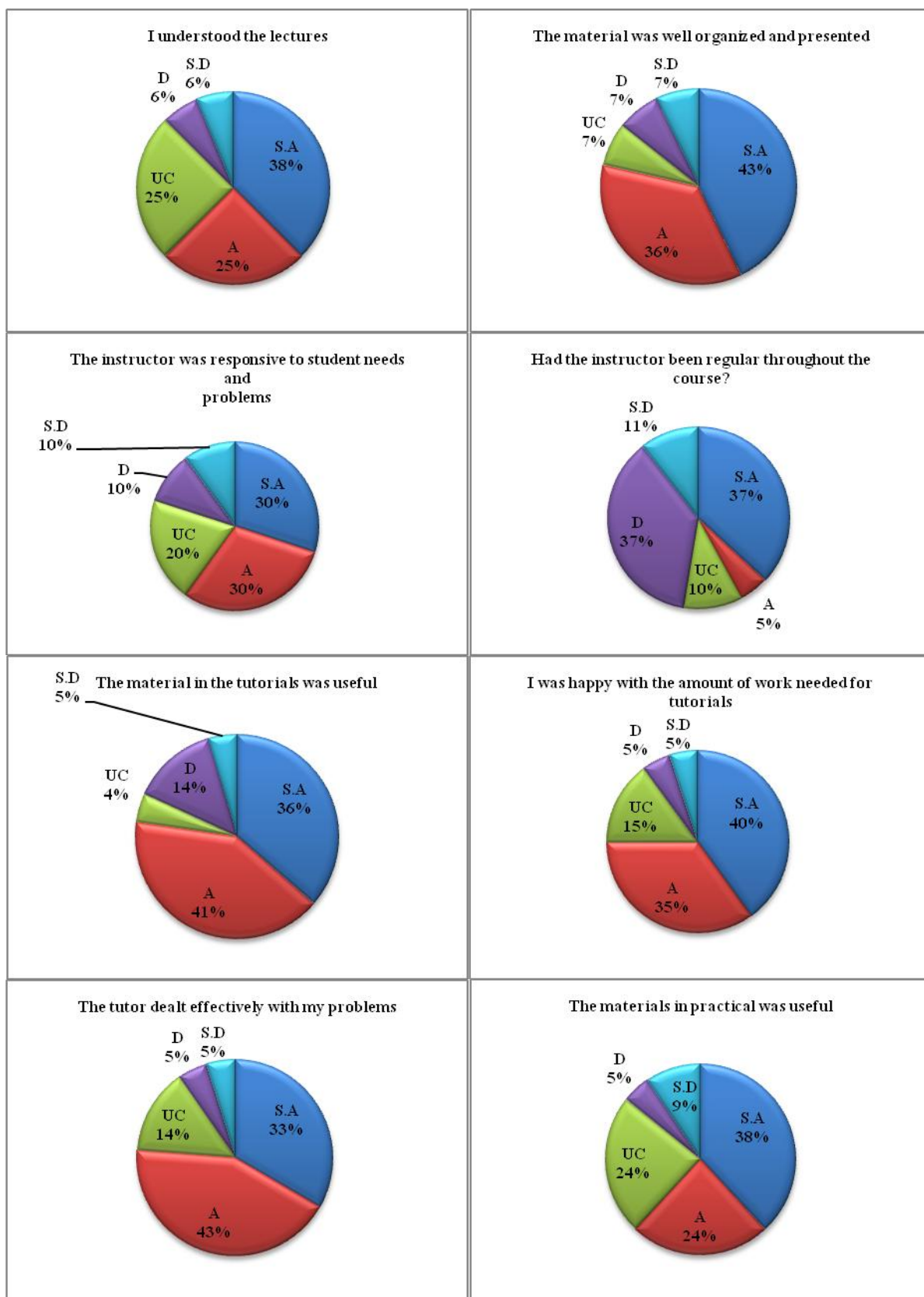


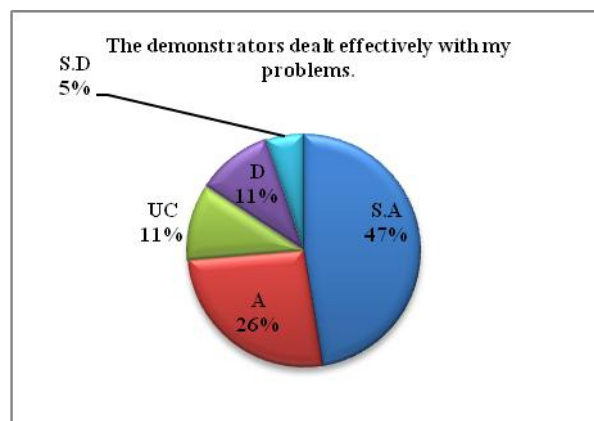
Feedback on assessment was timely



Feedback on assessment was helpful







General Comments of Students about this course:

Strengths :

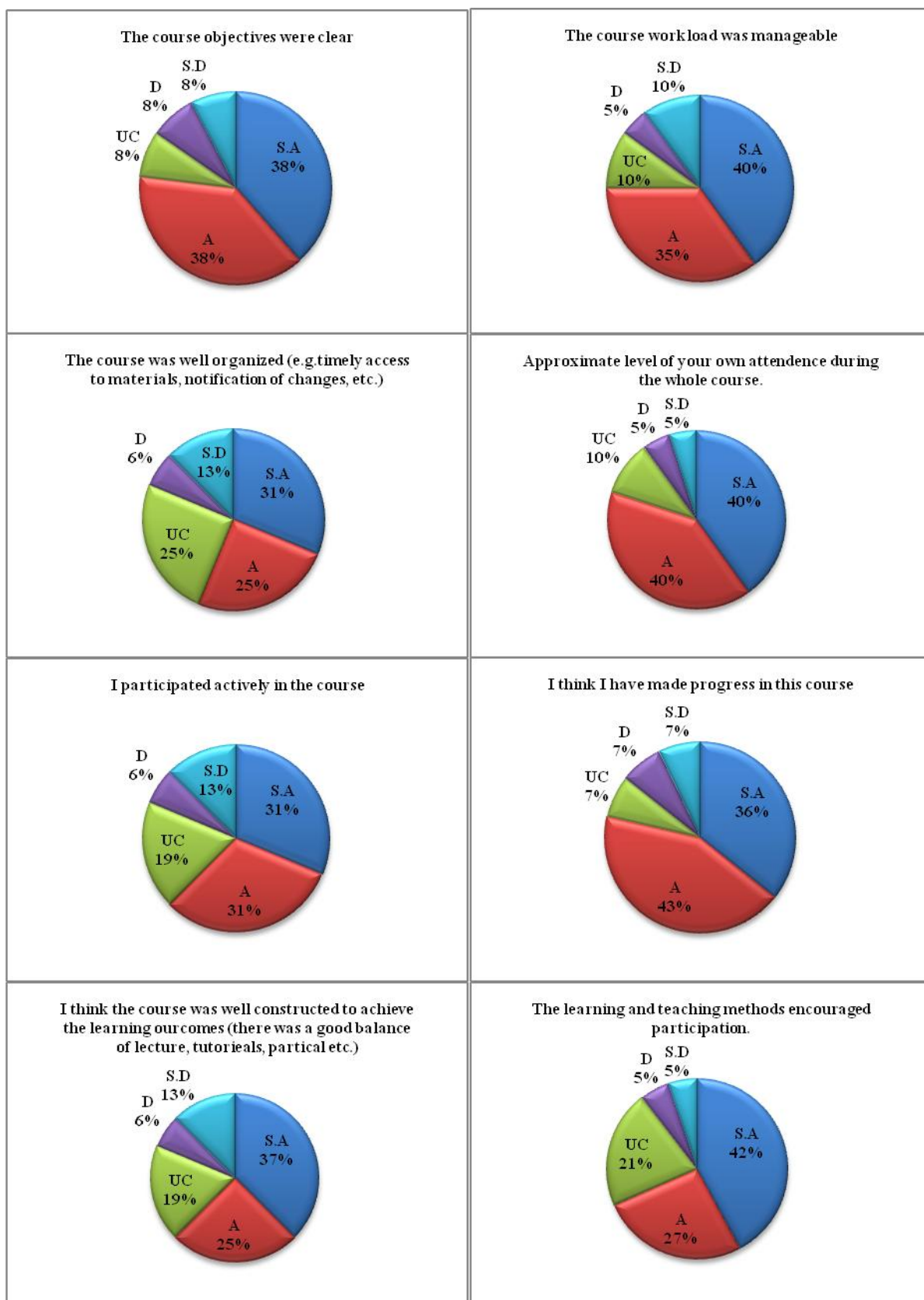
- Objectives well clear
- Good teaching method
- Effective practical work

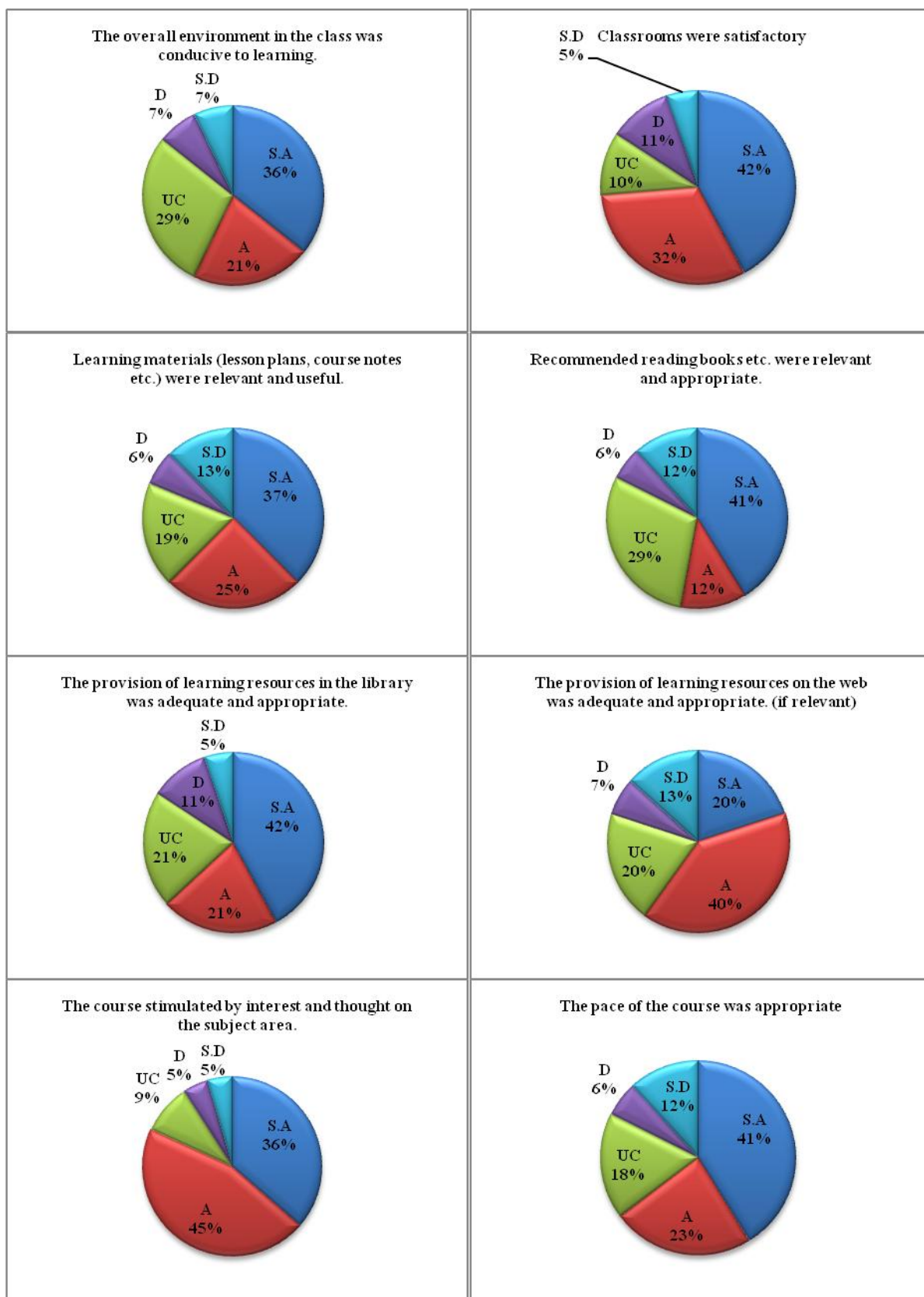
Weaknesses:

- Tutorials should be added

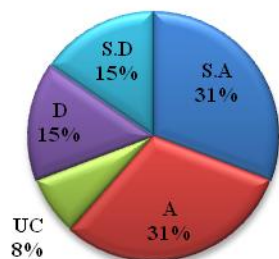
CS-552 (Mr. Nasir Mehmood Minhas)

The graph shows that 38% of the students strongly agreed that course objectives are clear. The 38% agreed with the notion. 8% are uncertain, Only 8% do not agree and 8% strongly disagreed. The course load was manageable as 40% of the students strongly agreed and 35% of the students agreed. 10% are uncertain, 5% of the students do not agree and 10% strongly disagreed. The course material was well organized this is strongly agreed by 31% while 25% of the students agreed, 25% uncertain, 6% disagree and 13% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 40% of the students and 40% strongly agreed, 10% uncertain, 5% disagree and 5% strongly disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 27% of the students and strongly agreed by 42% of the students, 21% are uncertain, 5% disagree and 5% strongly disagree with the concept.

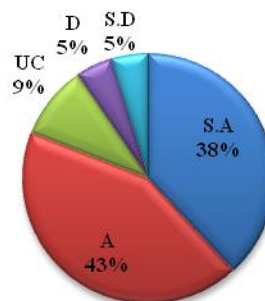




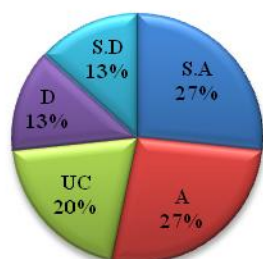
Ideas and concepts were presented clearly



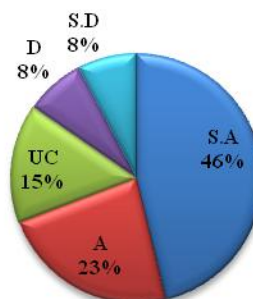
The method of assessment were reasonable



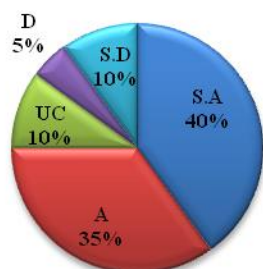
Feedback on assessment was timely



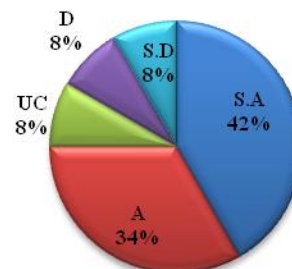
Feedback on assessment was helpful



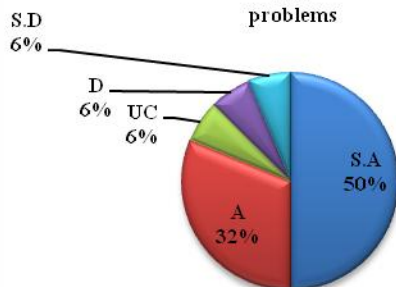
I understood the lectures



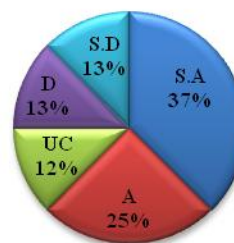
The material was well organized and presented

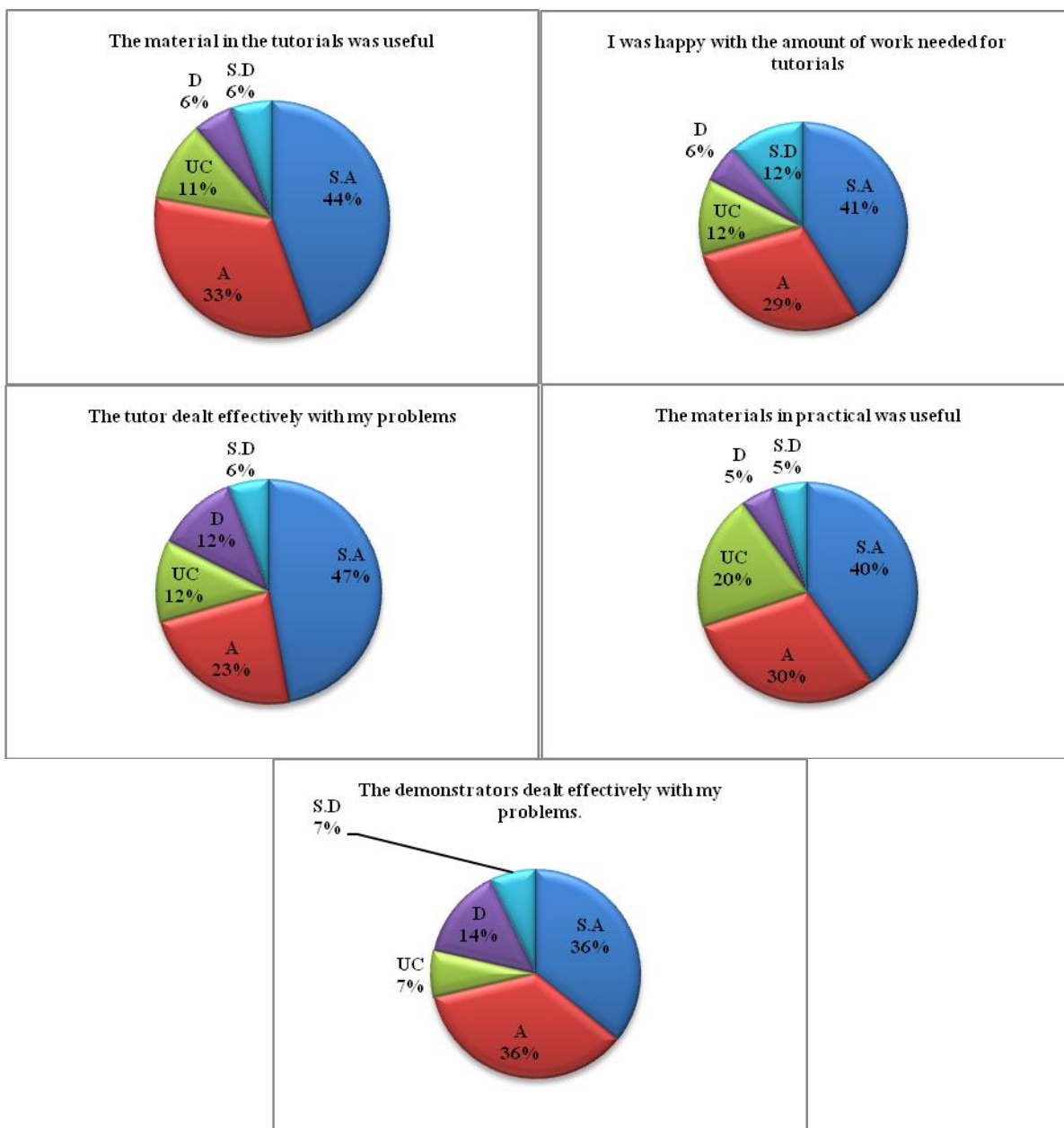


The instructor was responsive to student needs and problems



Had the instructor been regular throughout the course?





General Comments of Students about this course:

Strengths :

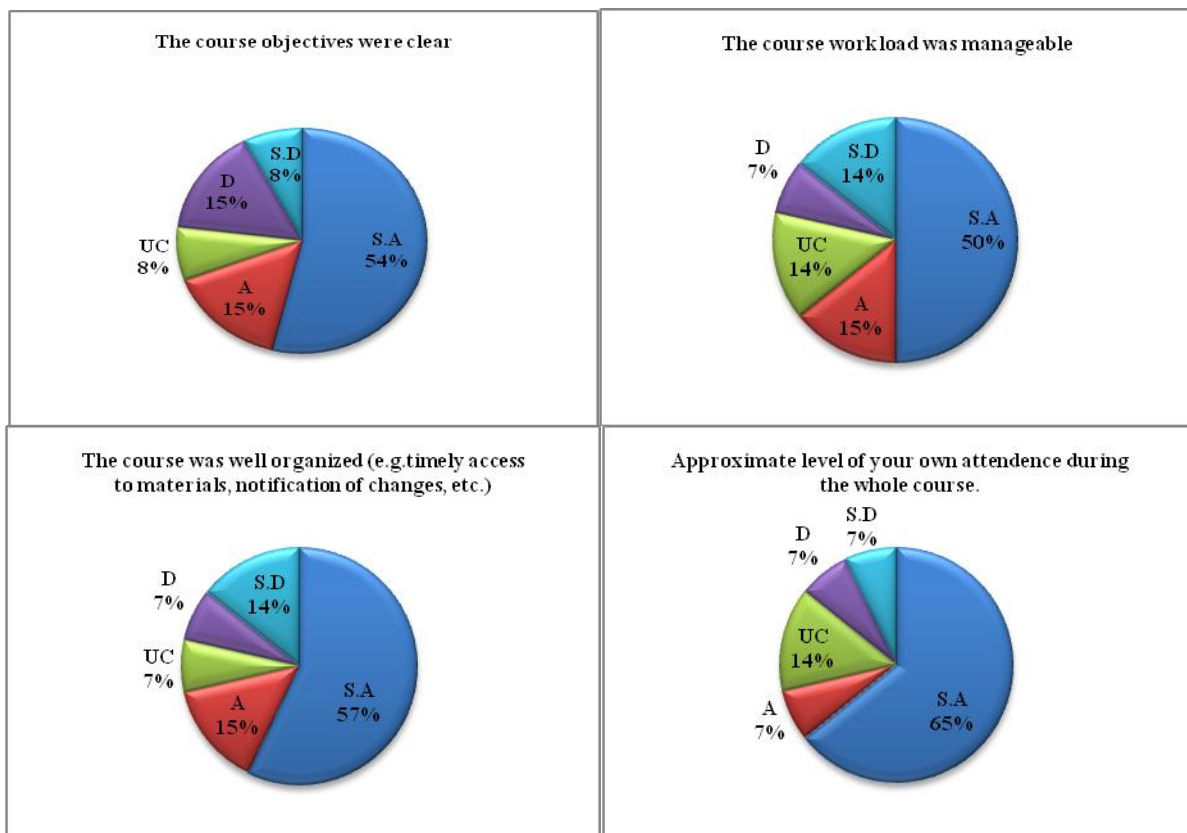
- Well organized
- Good teaching method

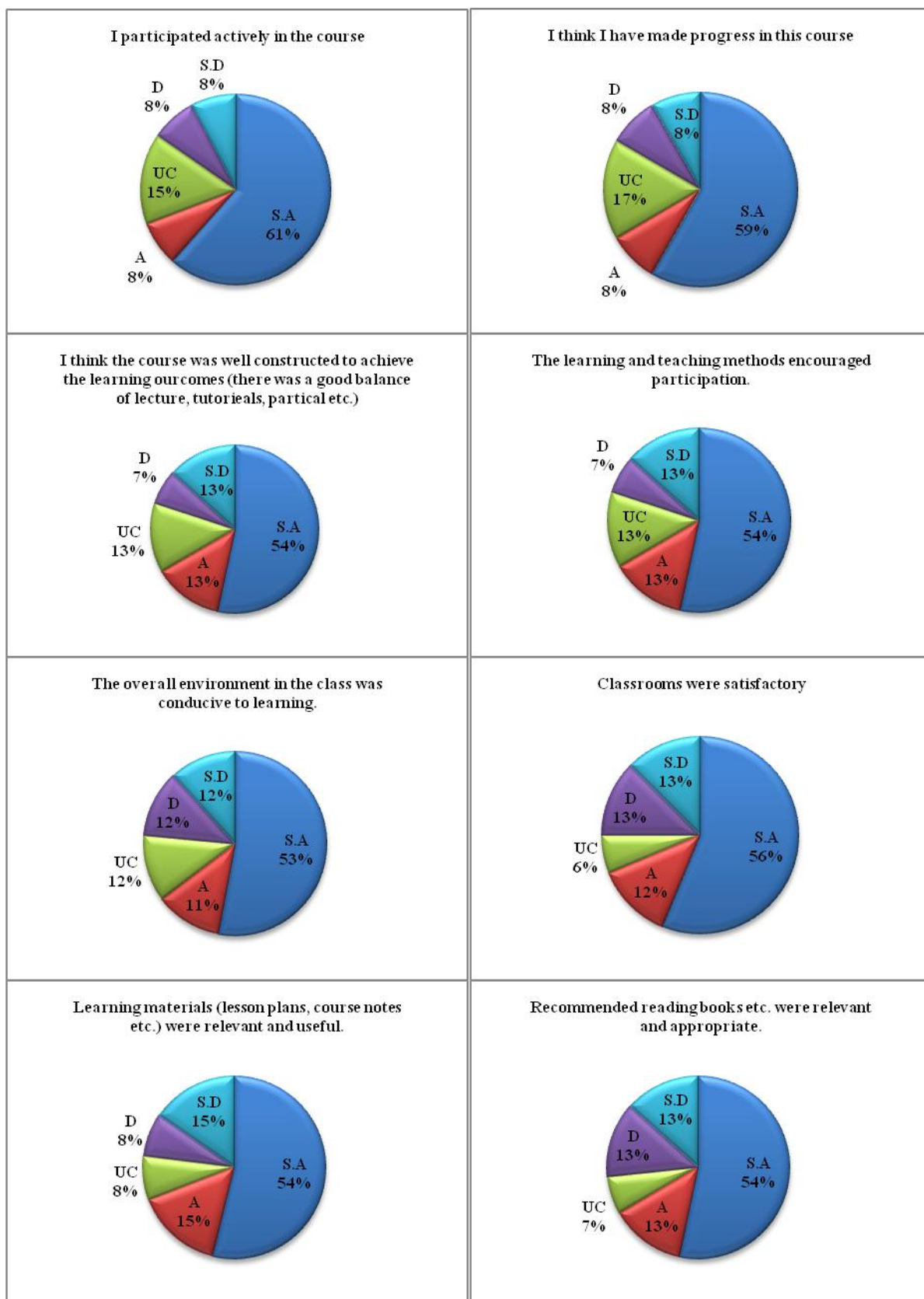
Weaknesses:

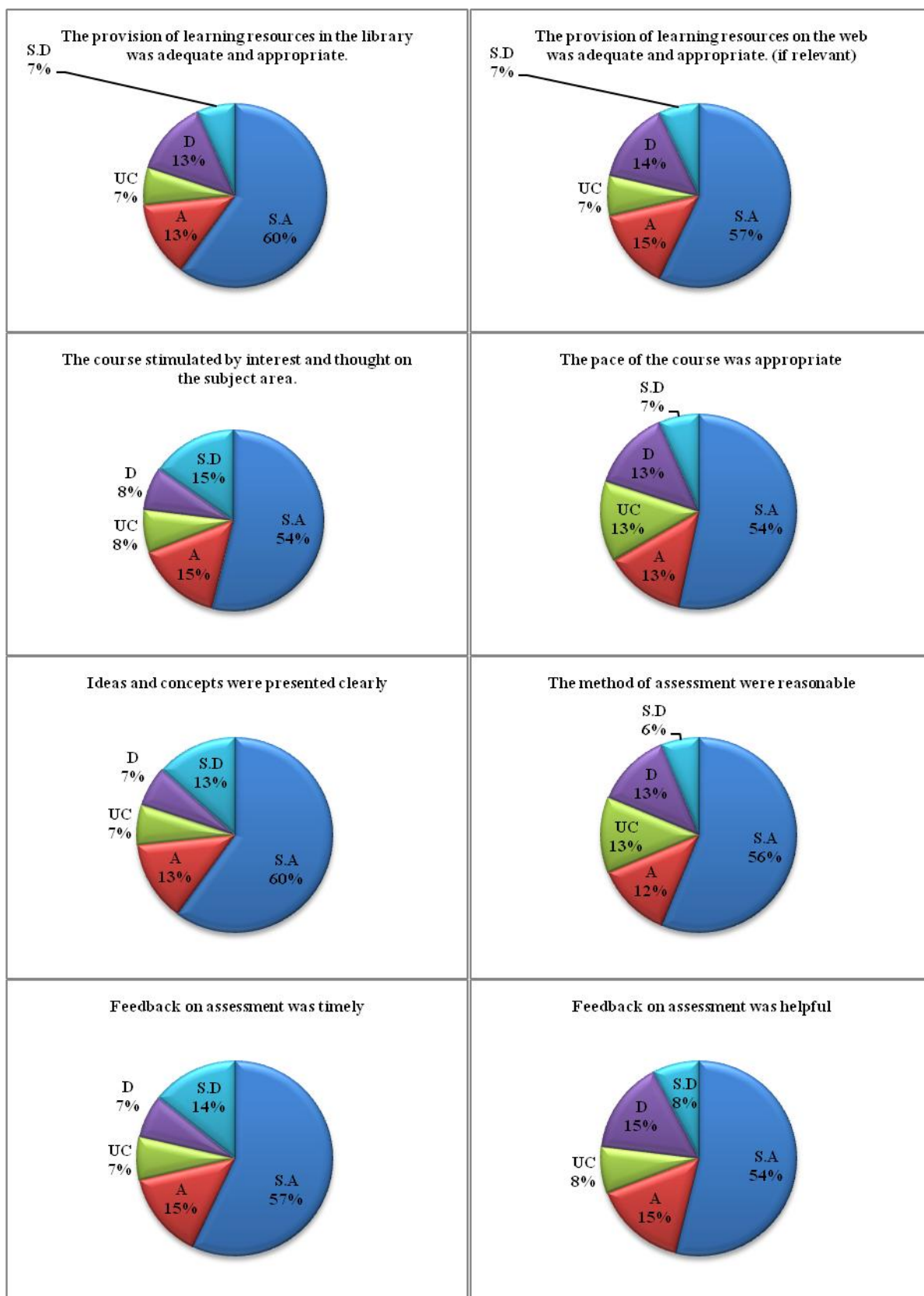
- Tutorials should be added
- More practical work

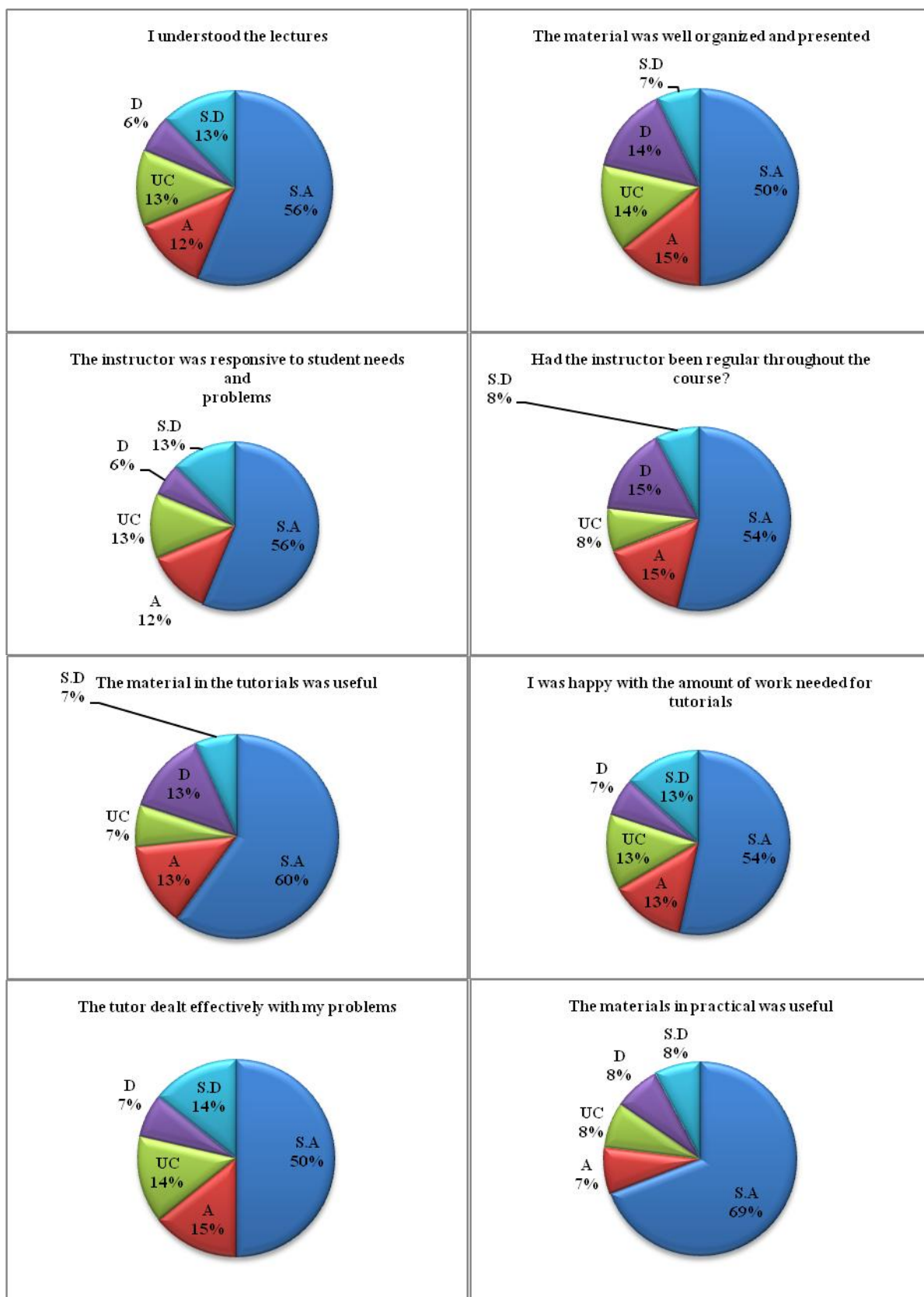
MGT-316 (Ms. Fakhra Mushtaq)

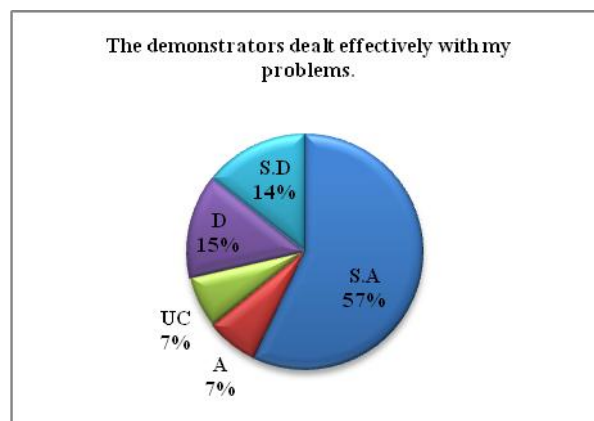
The graph shows that 54% of the students strongly agreed that course objectives are clear. The 15% agreed with the notion. 8% are uncertain, Only 15% do not agreed and 8% strongly disagreed. The course load was manageable as 50% of the students strongly agreed and 15% of the students agreed. 14% are uncertain, 7% of the students do not agree and 14% strongly disagreed. The course material was well organized this is strongly agreed by 57% and agreed by 15% of the students, 7% are uncertain, 7% disagree and 14% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 65% of the students and 7% strongly agreed, 14% are uncertain, 7% disagree and 7% strongly disagree. The learning and teaching method of the teacher encouraged the participants; this is agreed by 13% of the students and strongly agreed by 54% of the students, 13% are uncertain, 7% disagree and 13% of the students strongly disagreed with the concept.











General Comments of Students about this course:

Strengths :

- Objectives well clear
- Good teaching method
- Listen student carefully

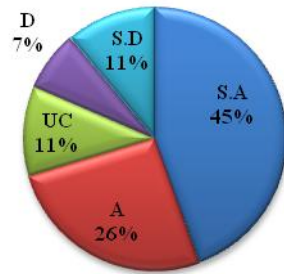
Weaknesses:

- Tutorials should be added
- More practical examples should be added

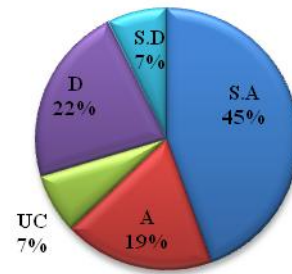
CS-323 (Mr. Shehzad Saqib Malik)

The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 45% are strongly agreed, 26% are agreed, 11% are uncertain, 7% disagreed and 11% strongly disagreed. The graph for “The course workload was manageable”, shows that 45% are strongly agreed, 19% are agreed, 7% are uncertain, 22% disagreed and 7% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 24% are strongly agreed, 46% are agreed, 9% are uncertain, 9% disagreed and 12% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 28% are strongly agreed, 17% are agreed, 28% are uncertain, 24% disagreed and 3% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 28% are strongly agreed, 24% are agreed, 31% are uncertain, 10% disagreed and 7% strongly disagreed. The graph for “The materials in practical was useful”, shows that 23% are strongly agreed, 23% are agreed, 20% are uncertain, 20% disagreed and 14% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 31% are strongly agreed, 31% are agreed, 23% are uncertain, 4% disagreed and 11% strongly disagreed.

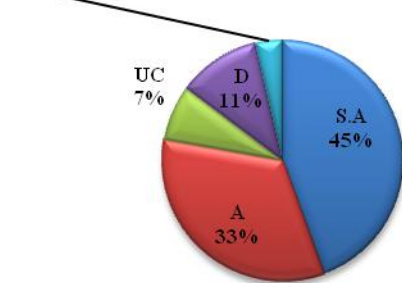
The course objectives were clear



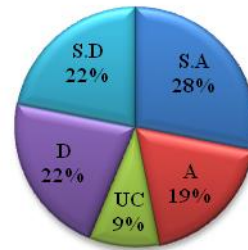
The course workload was manageable



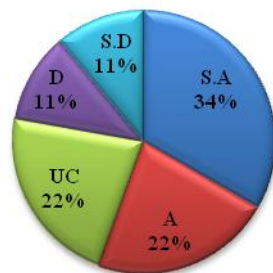
The course was well organized (e.g. timely access to materials, notification of changes, etc.)



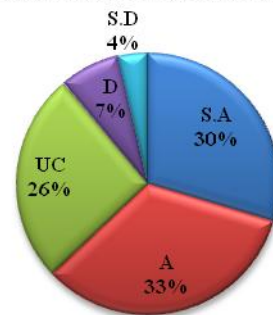
Approximate level of your own attendance during the whole course.



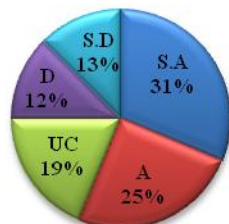
I participated actively in the course



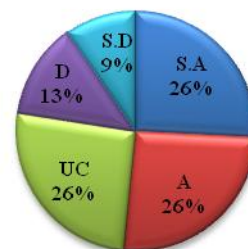
I think I have made progress in this course



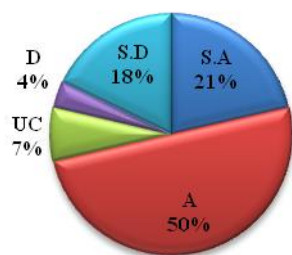
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



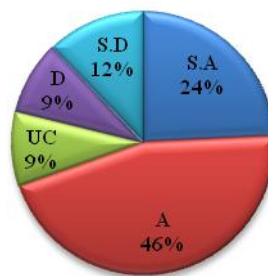
The learning and teaching methods encouraged participation.



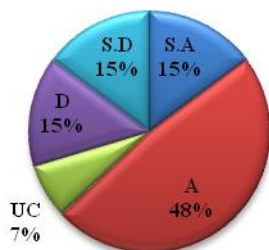
The overall environment in the class was conducive to learning.



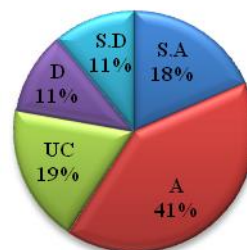
Classrooms were satisfactory



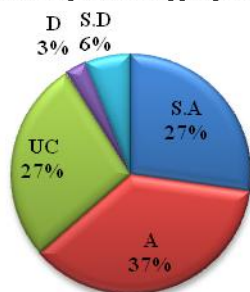
Learning materials (lesson plans, course notes etc.) were relevant and useful.



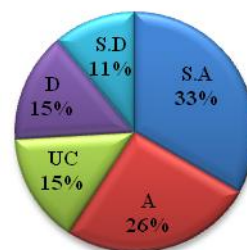
Recommended reading books etc. were relevant and appropriate.



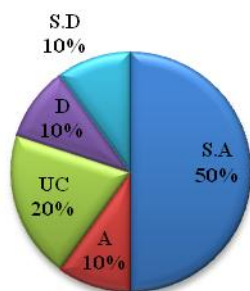
The provision of learning resources in the library was adequate and appropriate.



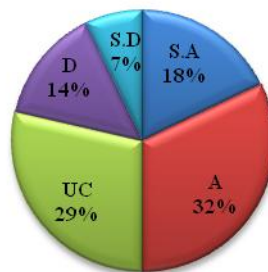
The provision of learning resources on the web was adequate and appropriate. (if relevant)



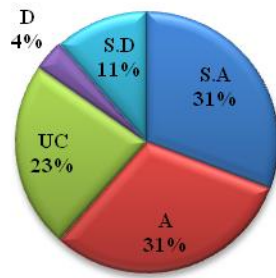
The course stimulated by interest and thought on the subject area.



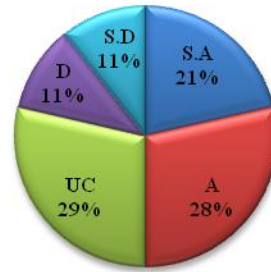
The pace of the course was appropriate



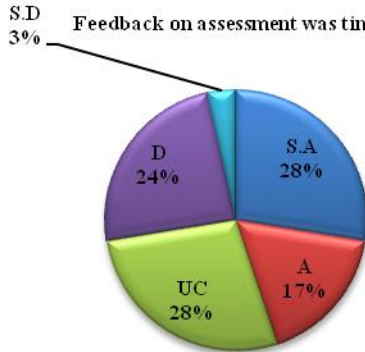
Ideas and concepts were presented clearly



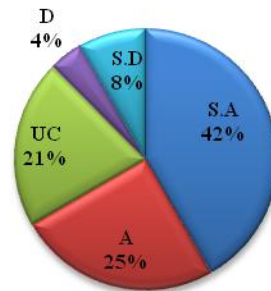
The method of assessment were reasonable



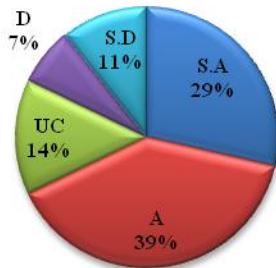
Feedback on assessment was timely



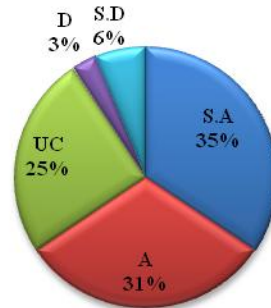
Feedback on assessment was helpful



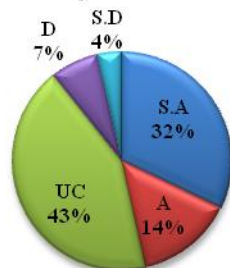
I understood the lectures



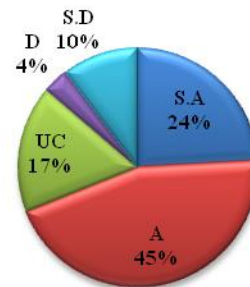
The material was well organized and presented

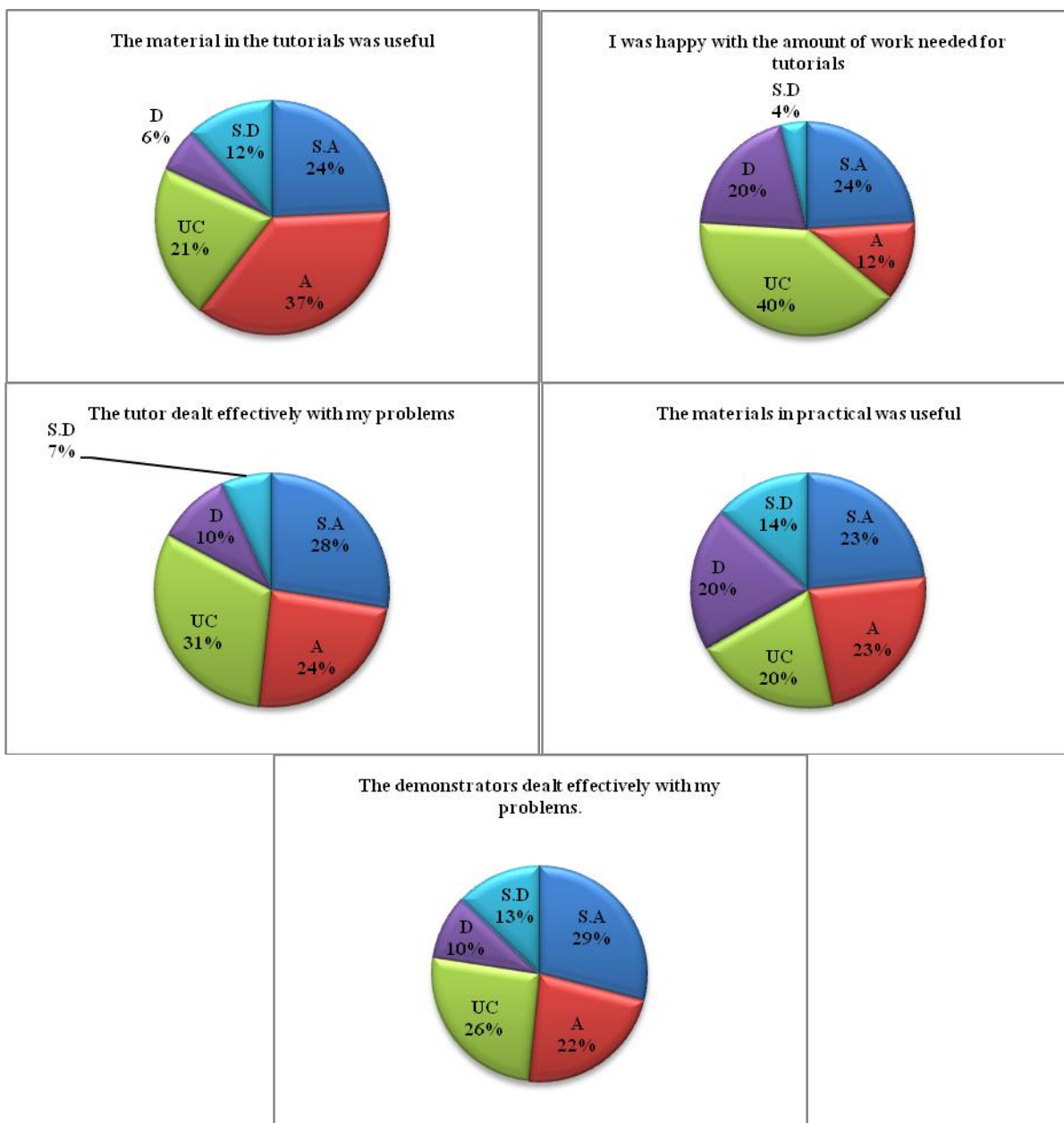


The instructor was responsive to student needs and problems



Had the instructor been regular throughout the course?





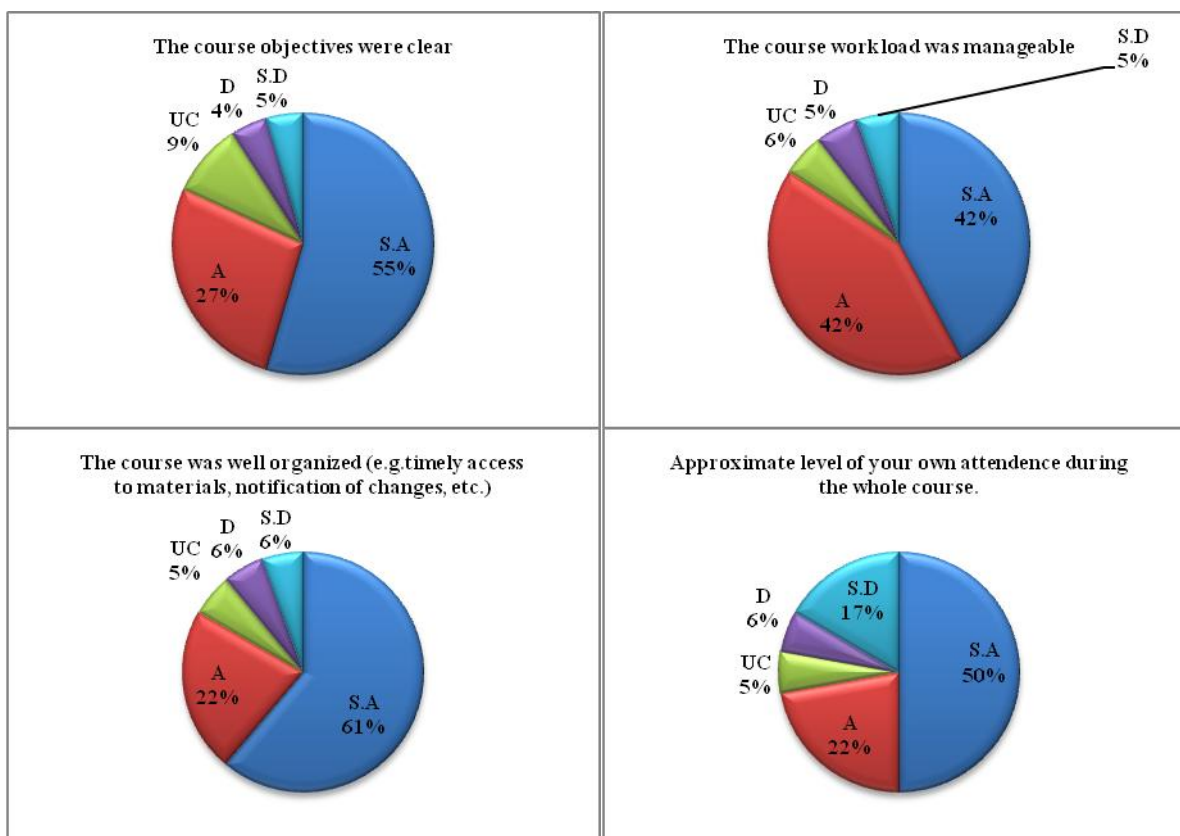
General Comments of the Students about this Course

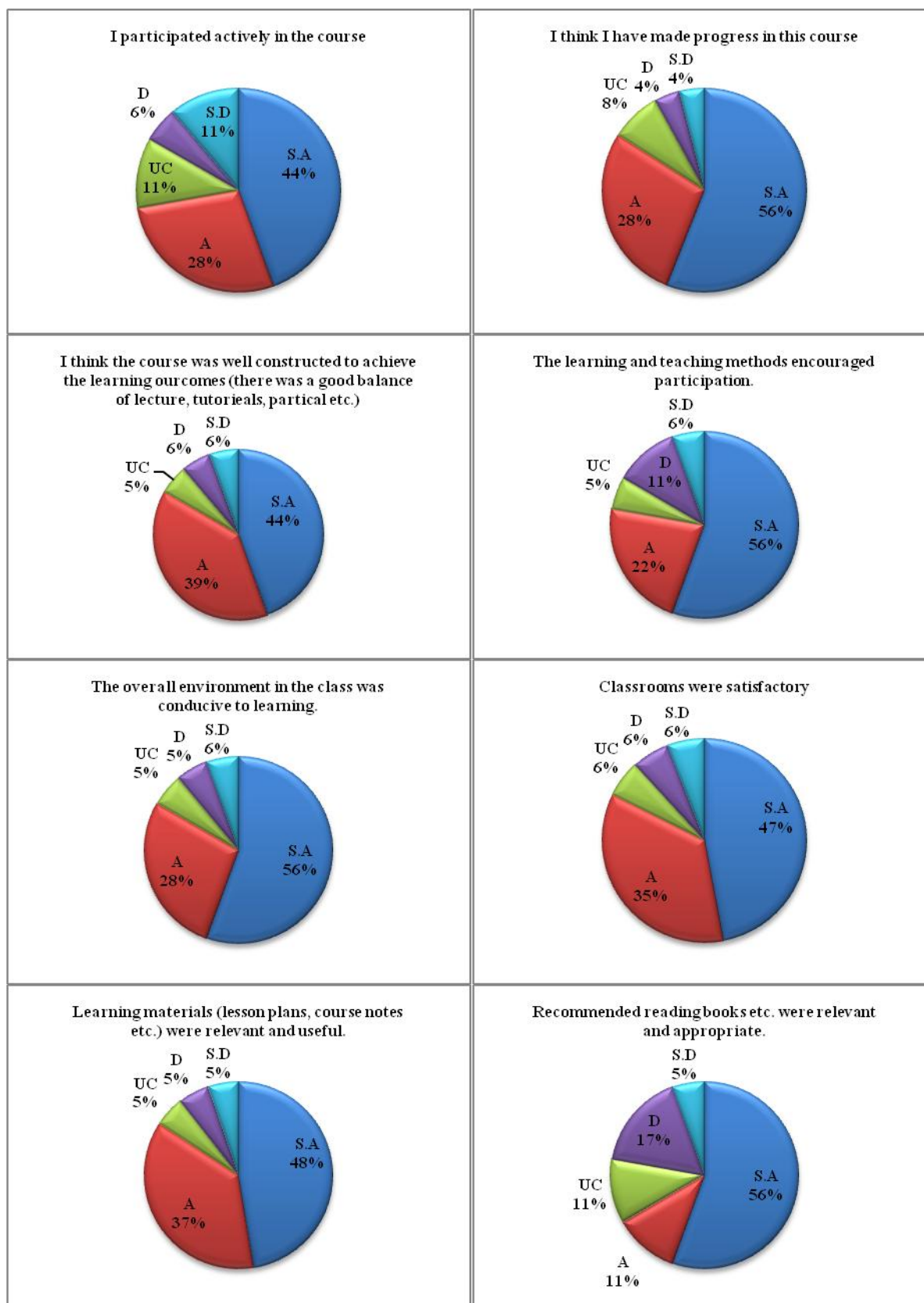
Weaknesses:

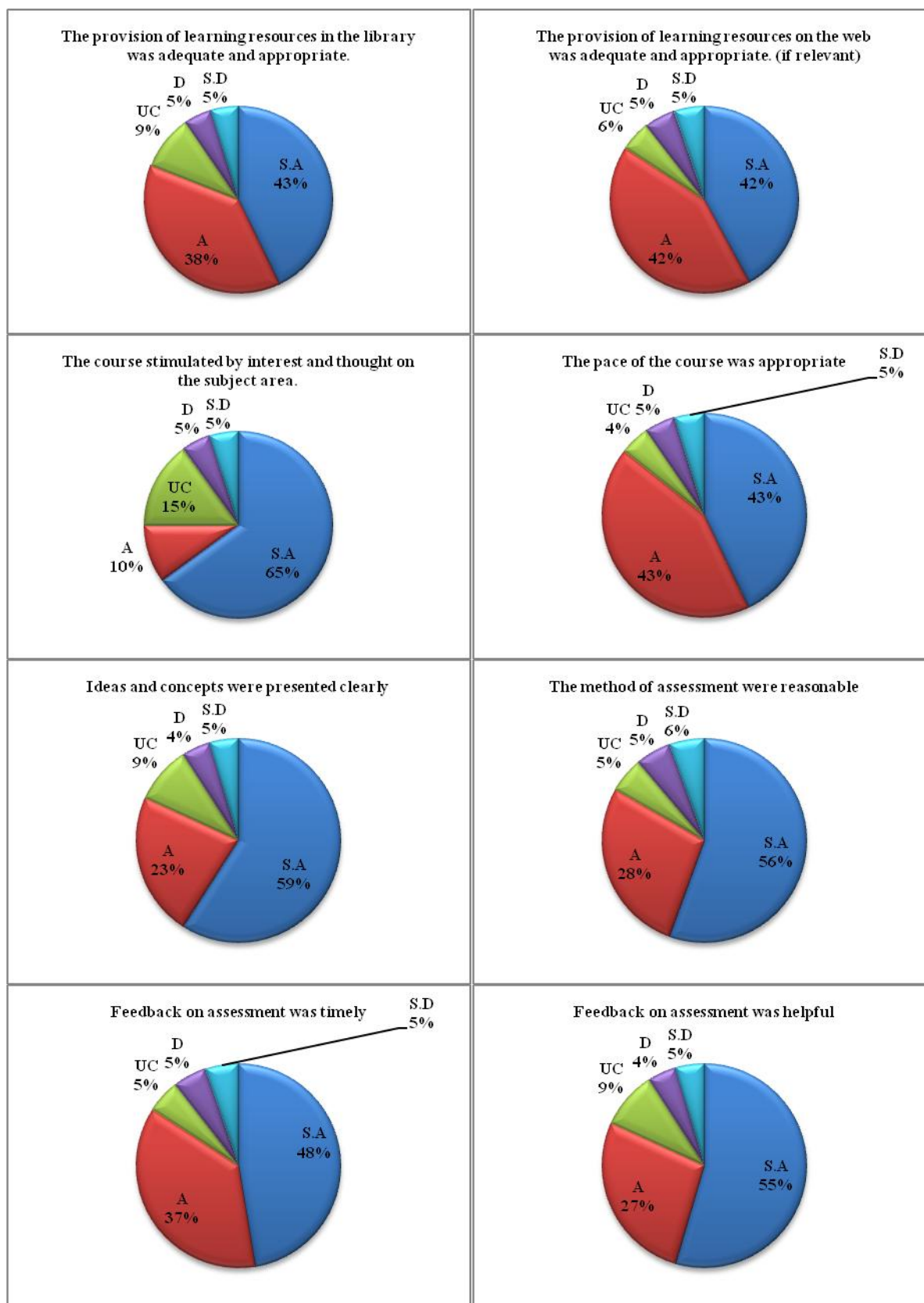
- Learning environment and resources were not satisfactory.
- Course objectives must be clearly defined.
- The course should include modern knowledge and techniques.
- Learning and Teaching methods should be improved to encourage student participation

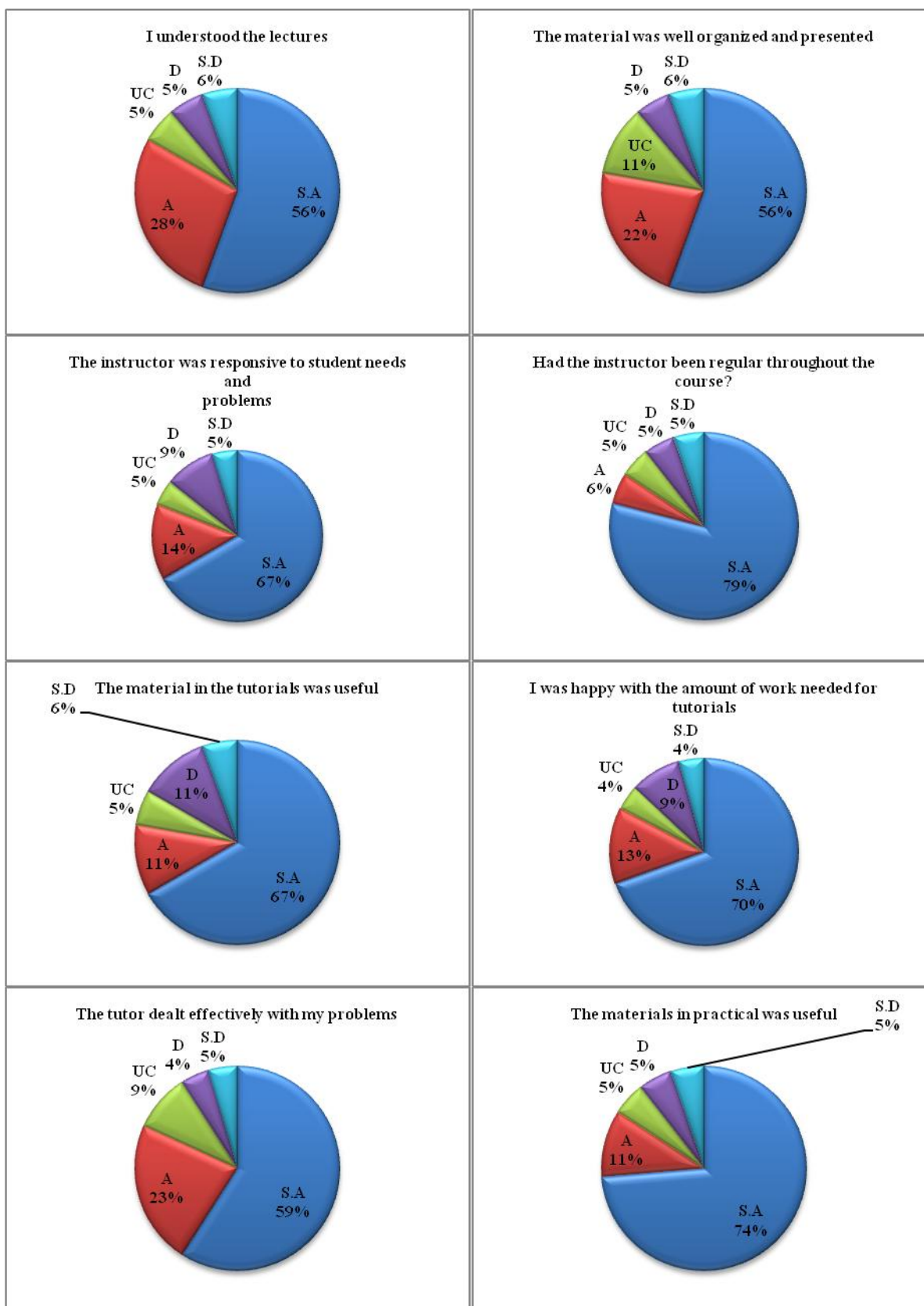
CS-335 (Mr. Shehzad Saqib Malik)

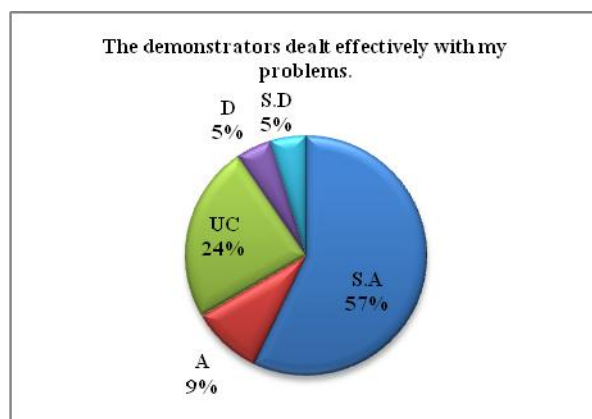
The graph below shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 55% are strongly agreed, 27% are agreed, 9% are uncertain, 4% disagreed and 5% strongly disagreed. The graph for “The course workload was manageable”, shows that 42% are strongly agreed, 42% are agreed, 6% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 47% are strongly agreed, 35% are agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 48% are strongly agreed, 37% are agreed, 5% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 59% are strongly agreed, 23% are agreed, 9% are uncertain, 4% disagreed and 5% strongly disagreed. The graph for “The materials in practical was useful”, shows that 74% are strongly agreed, 11% are agreed, 5% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 59% are strongly agreed, 23% are agreed, 9% are uncertain, 4% disagreed and 5% strongly disagreed.









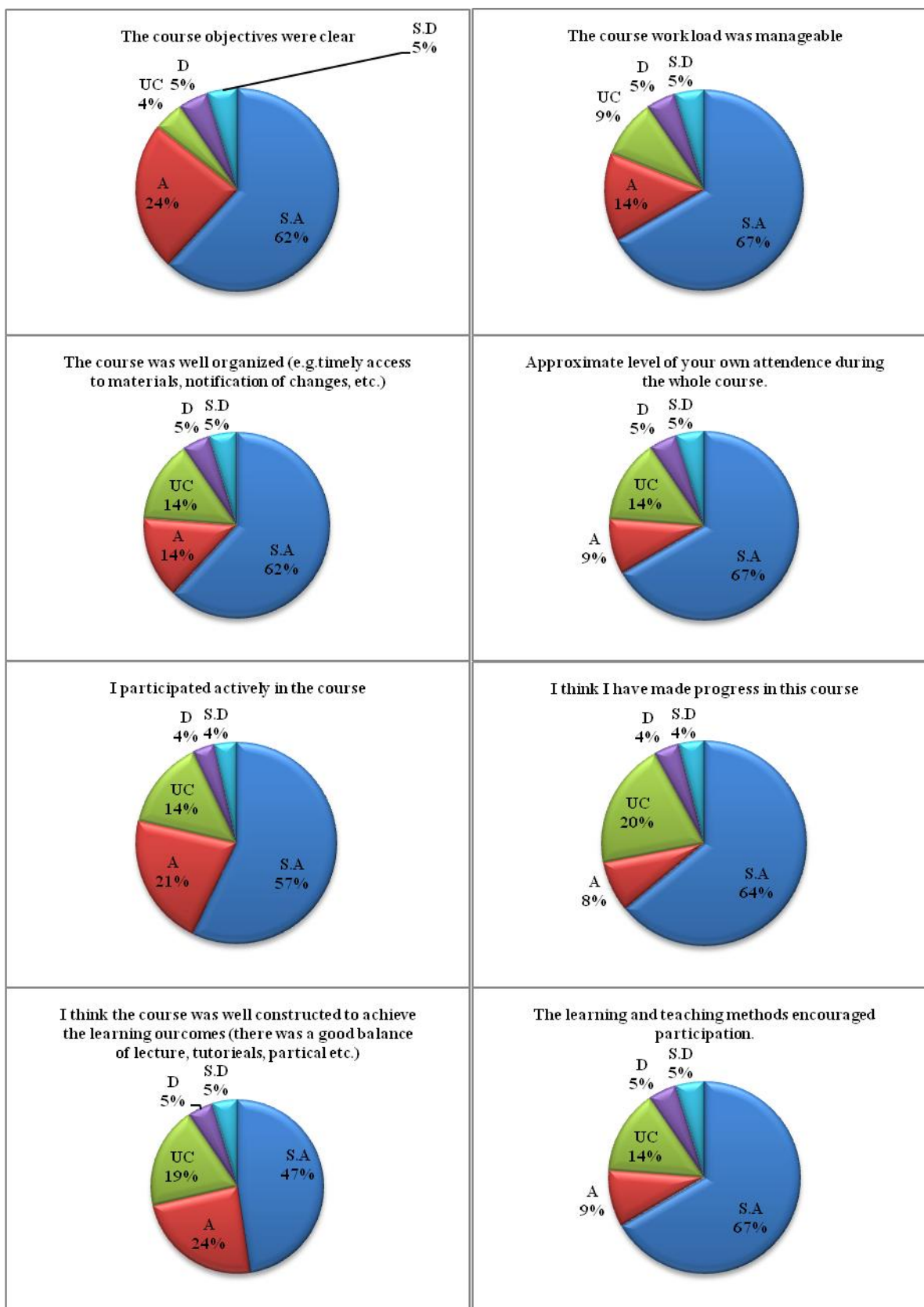


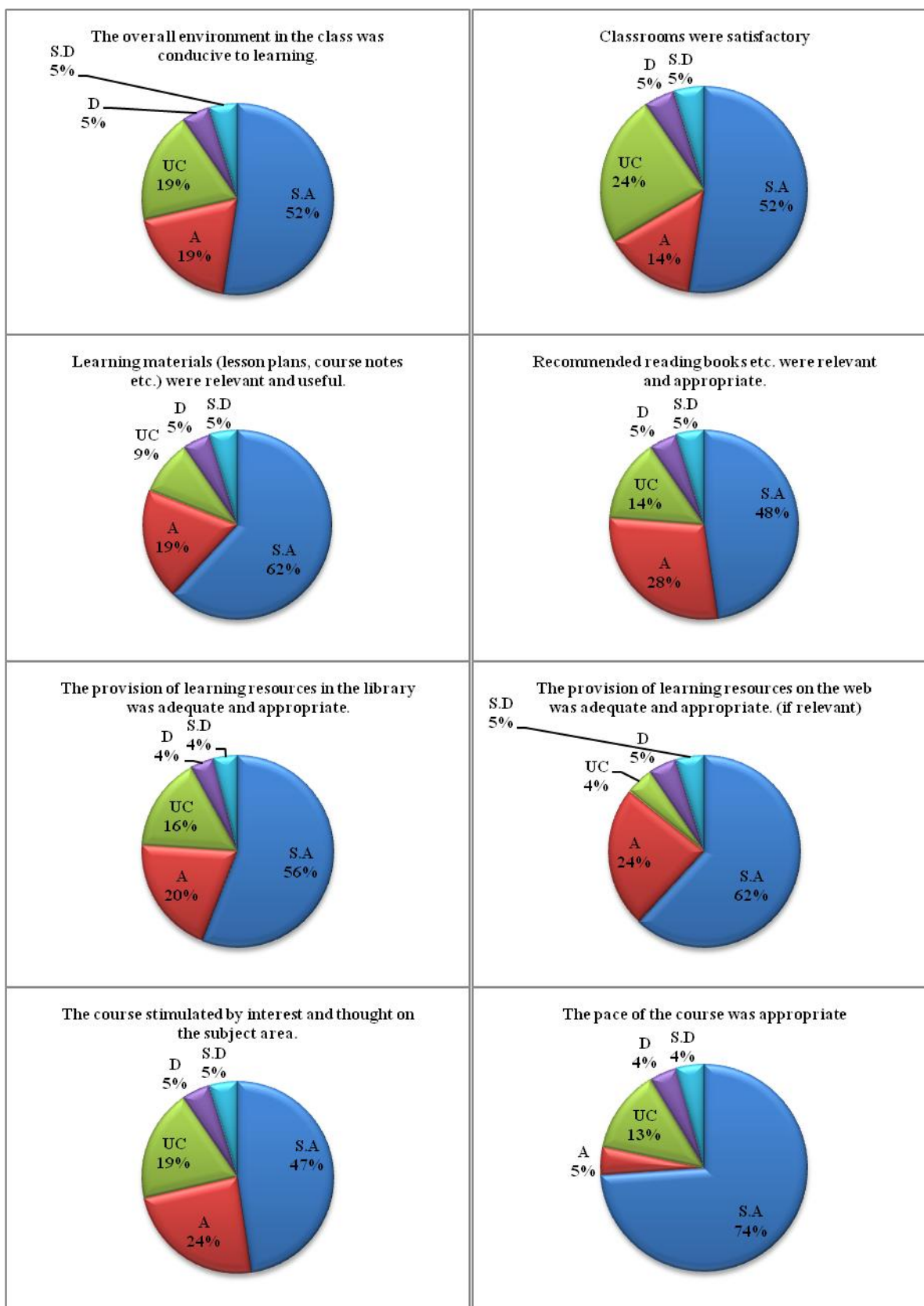
General Comments of the Students about this Course Weaknesses:

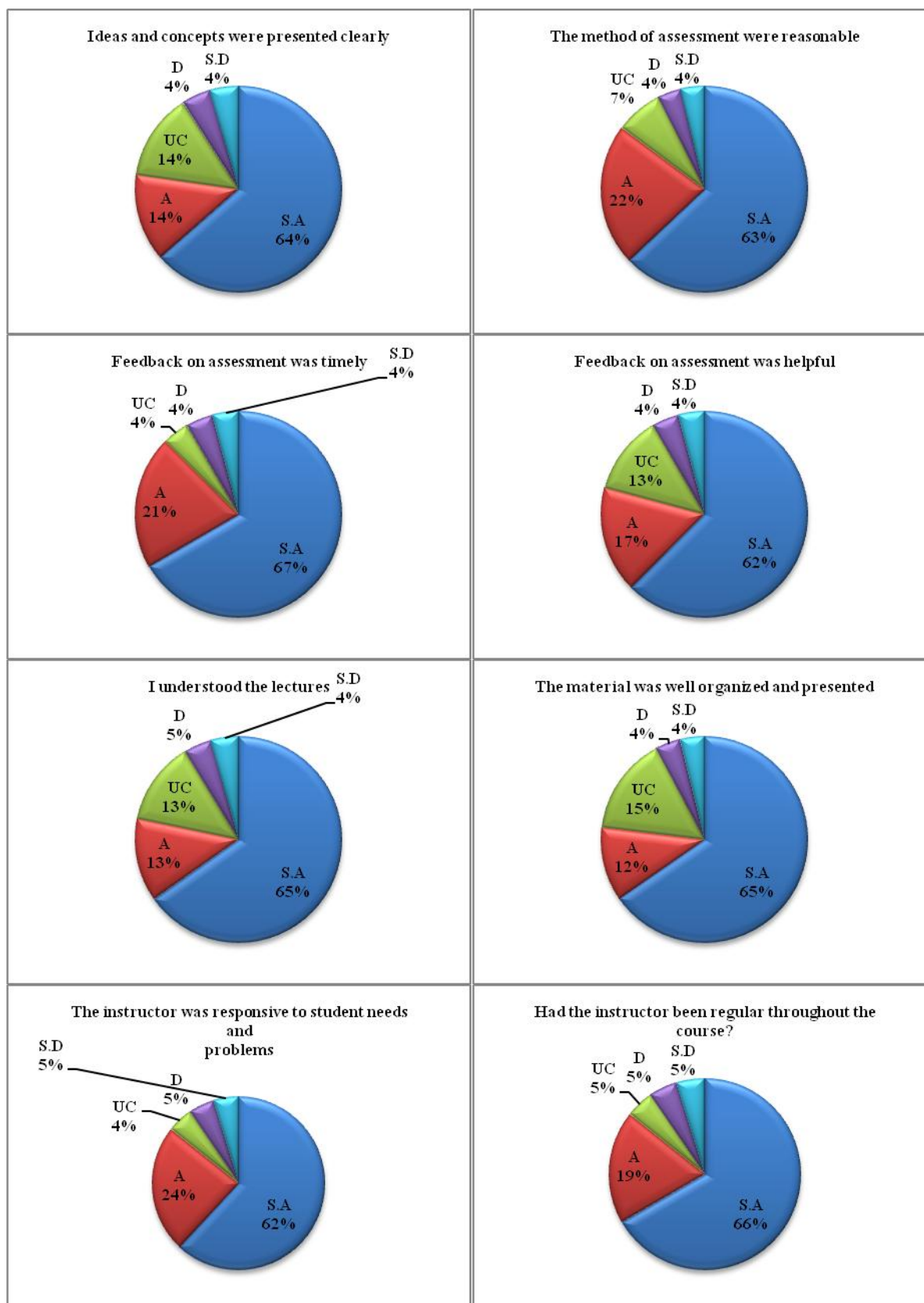
- Proper materials were not available for practical demonstrations.
- Learning environment and resources were not satisfactory.
- The course should include modern knowledge and techniques.
- The course should be stimulated by interest and thought on subject area.

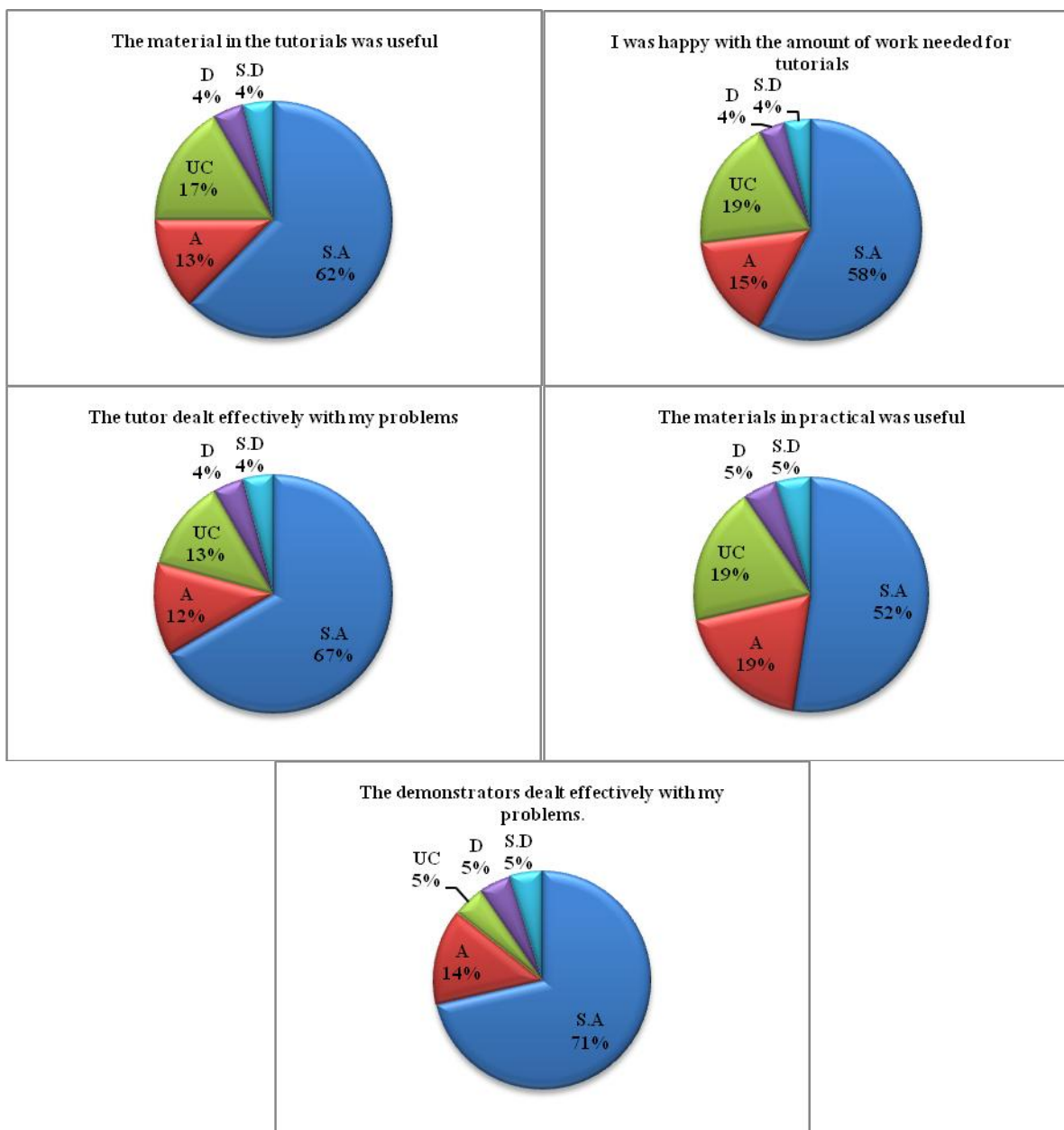
CS-430 (Mr. Shehzad Saqib Malik)

The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 62% are strongly agreed, 24% are agreed, 4% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “The course workload was manageable”, shows that 67% are strongly agreed, 14% are agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 52% are strongly agreed, 14% are agreed, 24% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 67% are strongly agreed, 21% are agreed, 4% are uncertain, 4% disagreed and 4% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 67% are strongly agreed, 12% are agreed, 13% are uncertain, 4% disagreed and 4% strongly disagreed. The graph for “The materials in practical was useful”, shows that 52% are strongly agreed, 19% are agreed, 19% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 64% are strongly agreed, 14% are agreed, 14% are uncertain, 4% disagreed and 4% strongly disagreed.









General Comments of the Students about this Course

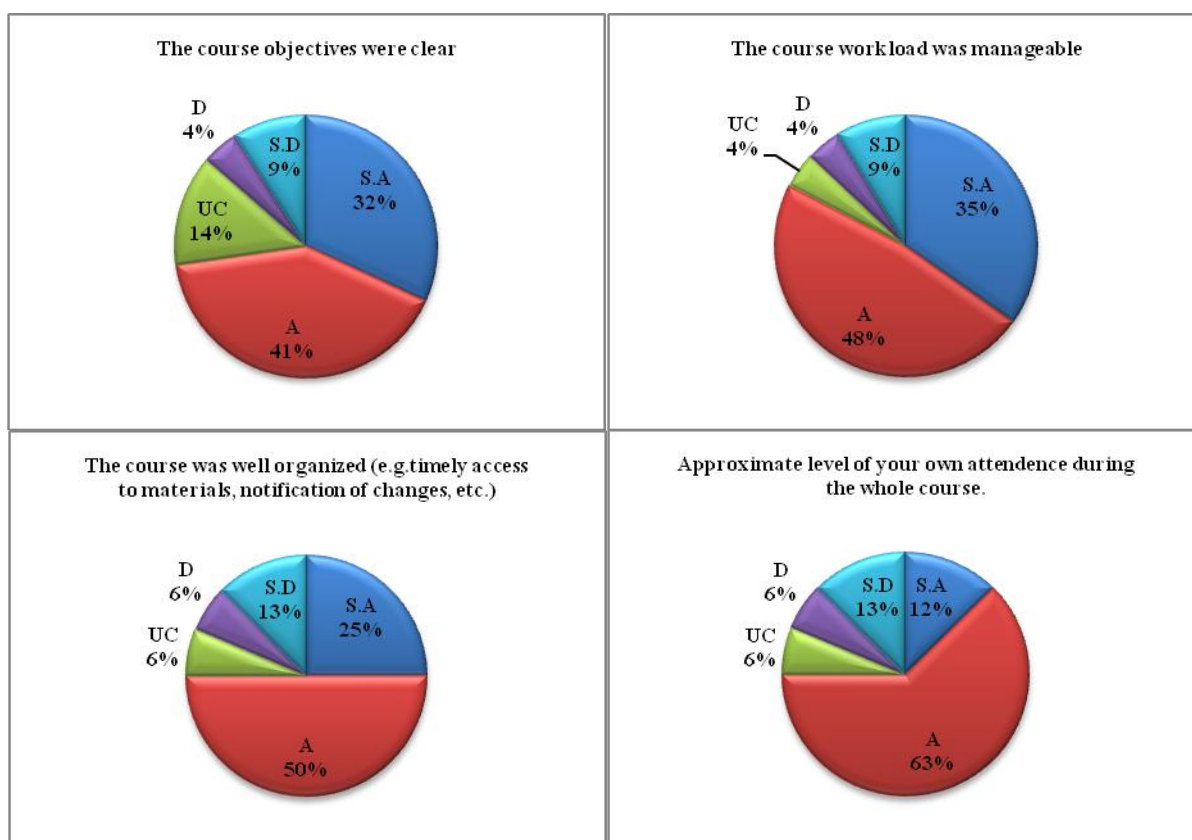
Strengths:

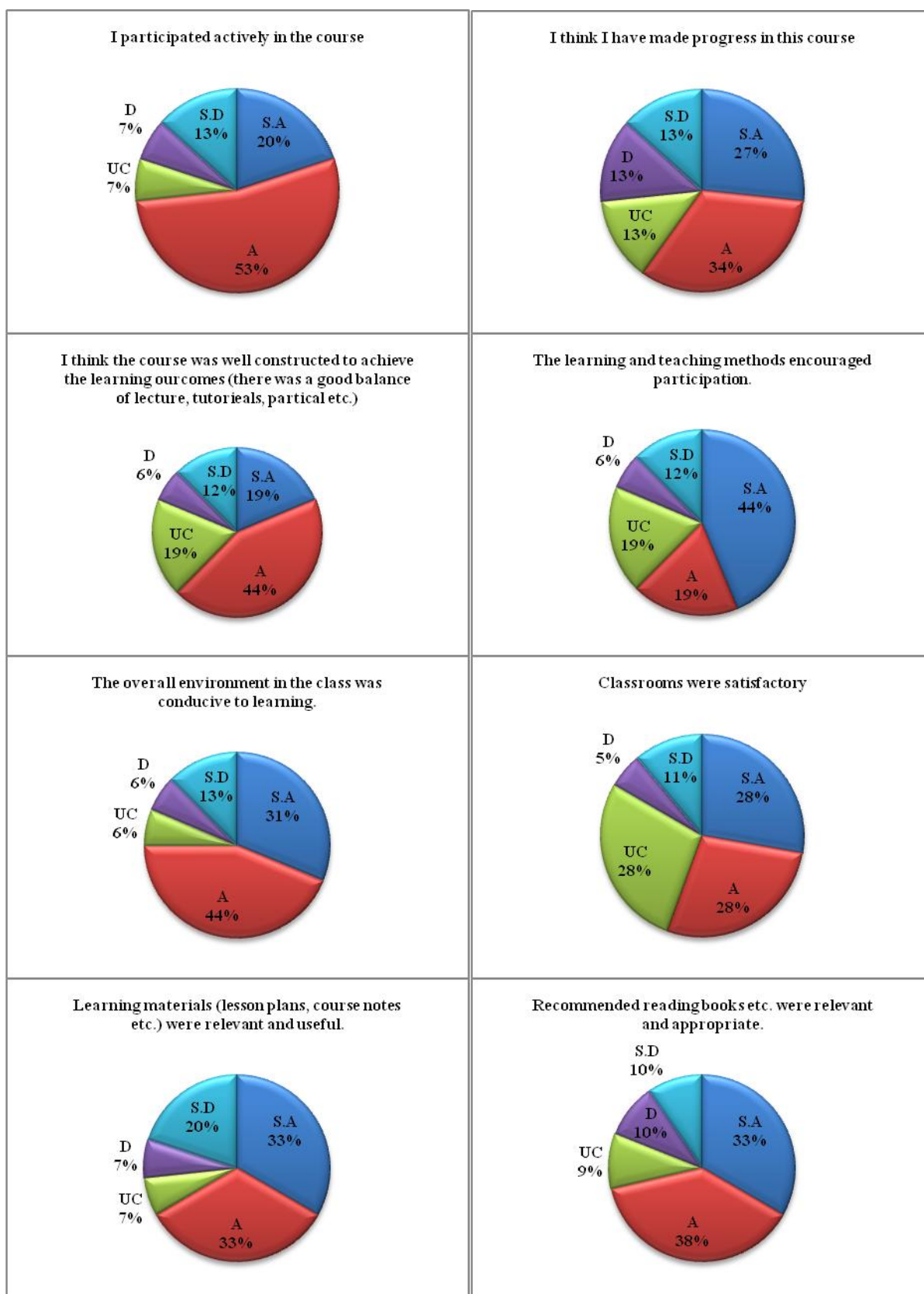
- The course was informative and interesting.
- The course was relevant to the field.

CS-301 (Bushra Hamid)

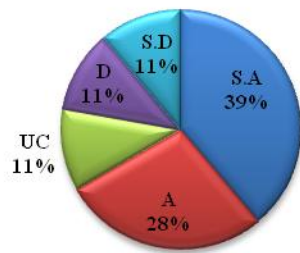
The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 32% are strongly agreed, 41% are agreed, 14% are uncertain, 4% disagreed and 9%

strongly disagreed. The graph for “The course workload was manageable”, shows that 35% are strongly agreed, 48% are agreed, 4% are uncertain, 4% disagreed and 9% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 28% are strongly agreed, 28% are agreed, 28% are uncertain, 5% disagreed and 11% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 25% are strongly agreed, 35% are agreed, 10% are uncertain, 15% disagreed and 15% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 44% are strongly agreed, 22% are agreed, 6% are uncertain, 17% disagreed and 11% strongly disagreed. The graph for “The materials in practical was useful”, shows that 17% are strongly agreed, 41% are agreed, 8% are uncertain, 17% disagreed and 17% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 26% are strongly agreed, 37% are agreed, 10% are uncertain, 11% disagreed and 16% strongly disagreed.

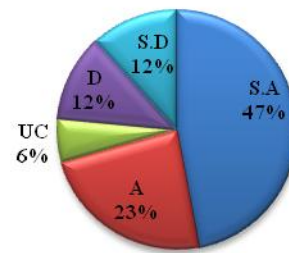




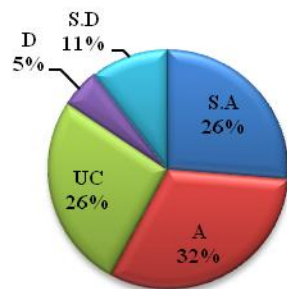
The provision of learning resources in the library was adequate and appropriate.



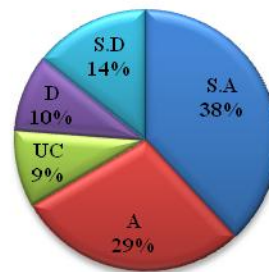
The provision of learning resources on the web was adequate and appropriate. (if relevant)



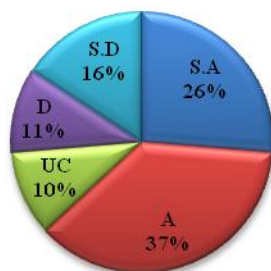
The course stimulated by interest and thought on the subject area.



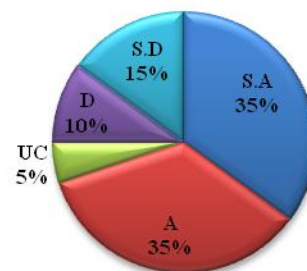
The pace of the course was appropriate



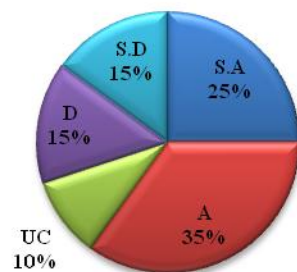
Ideas and concepts were presented clearly



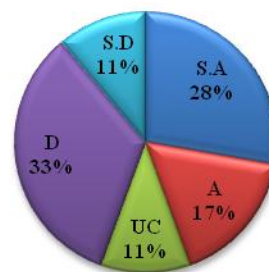
The method of assessment were reasonable



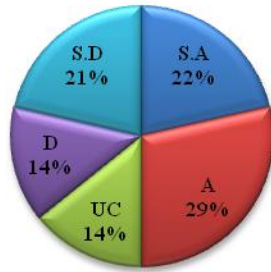
Feedback on assessment was timely



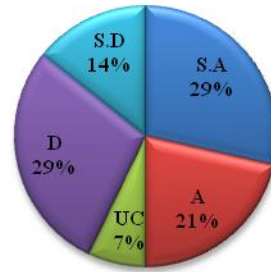
Feedback on assessment was helpful



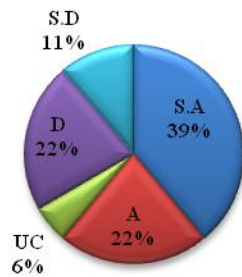
I understood the lectures



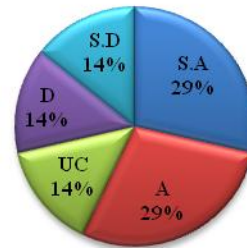
The material was well organized and presented



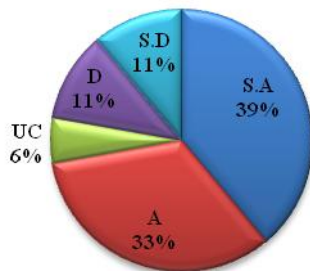
The instructor was responsive to student needs and problems



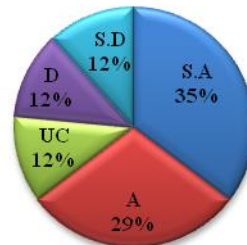
Had the instructor been regular throughout the course?



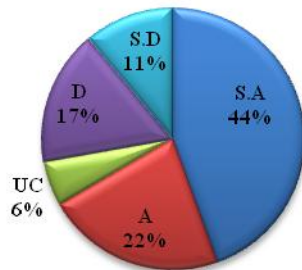
The material in the tutorials was useful



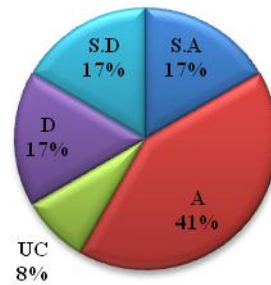
I was happy with the amount of work needed for tutorials

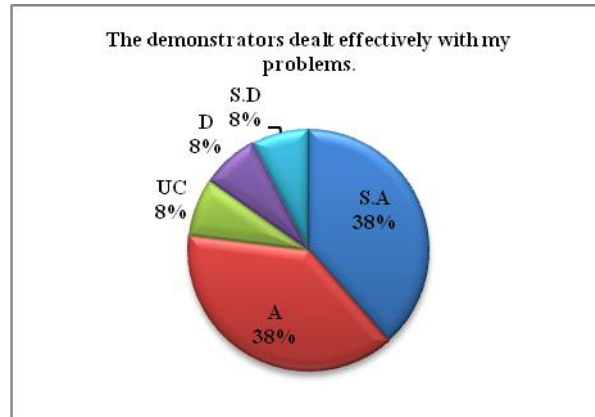


The tutor dealt effectively with my problems



The materials in practical was useful



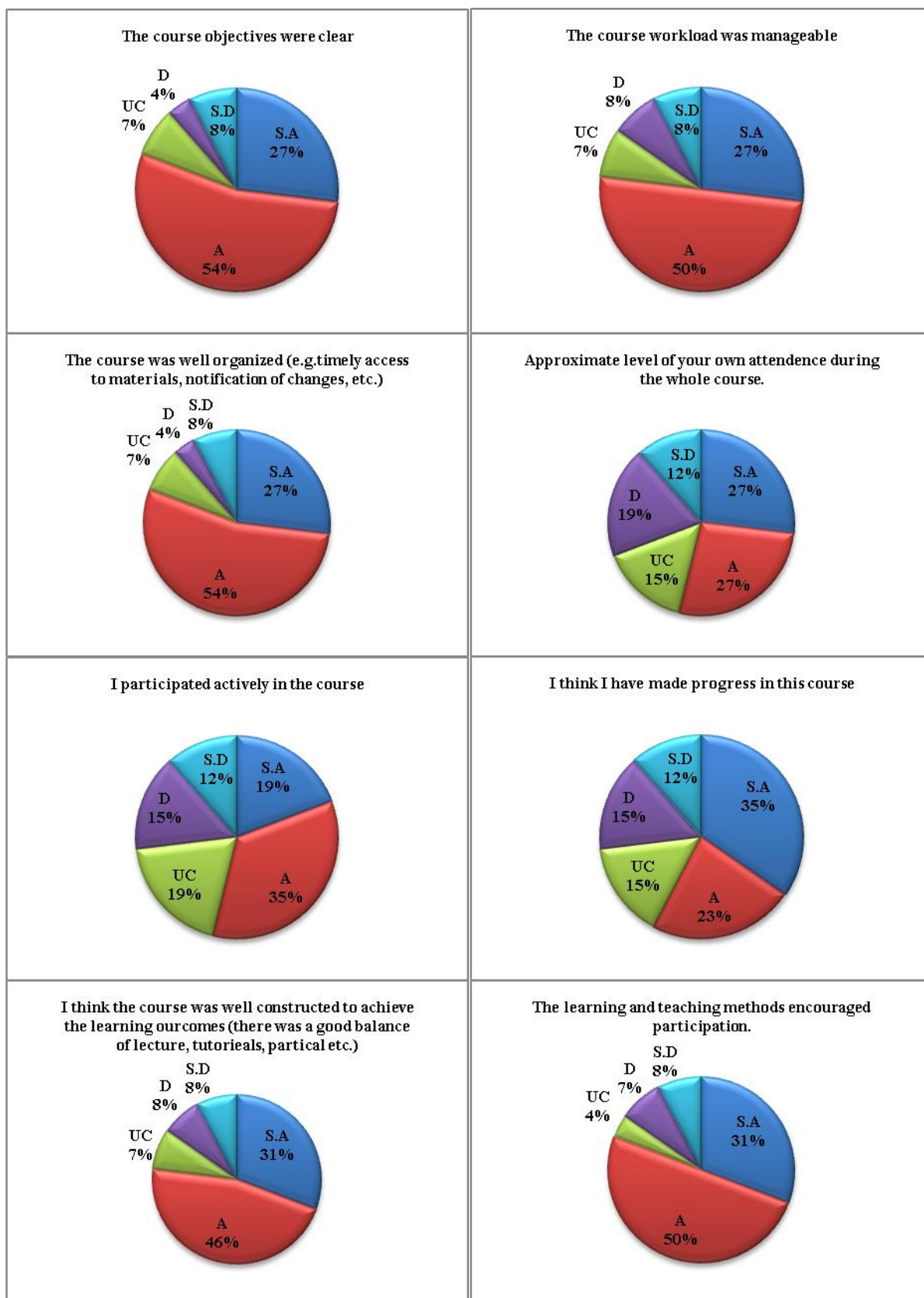


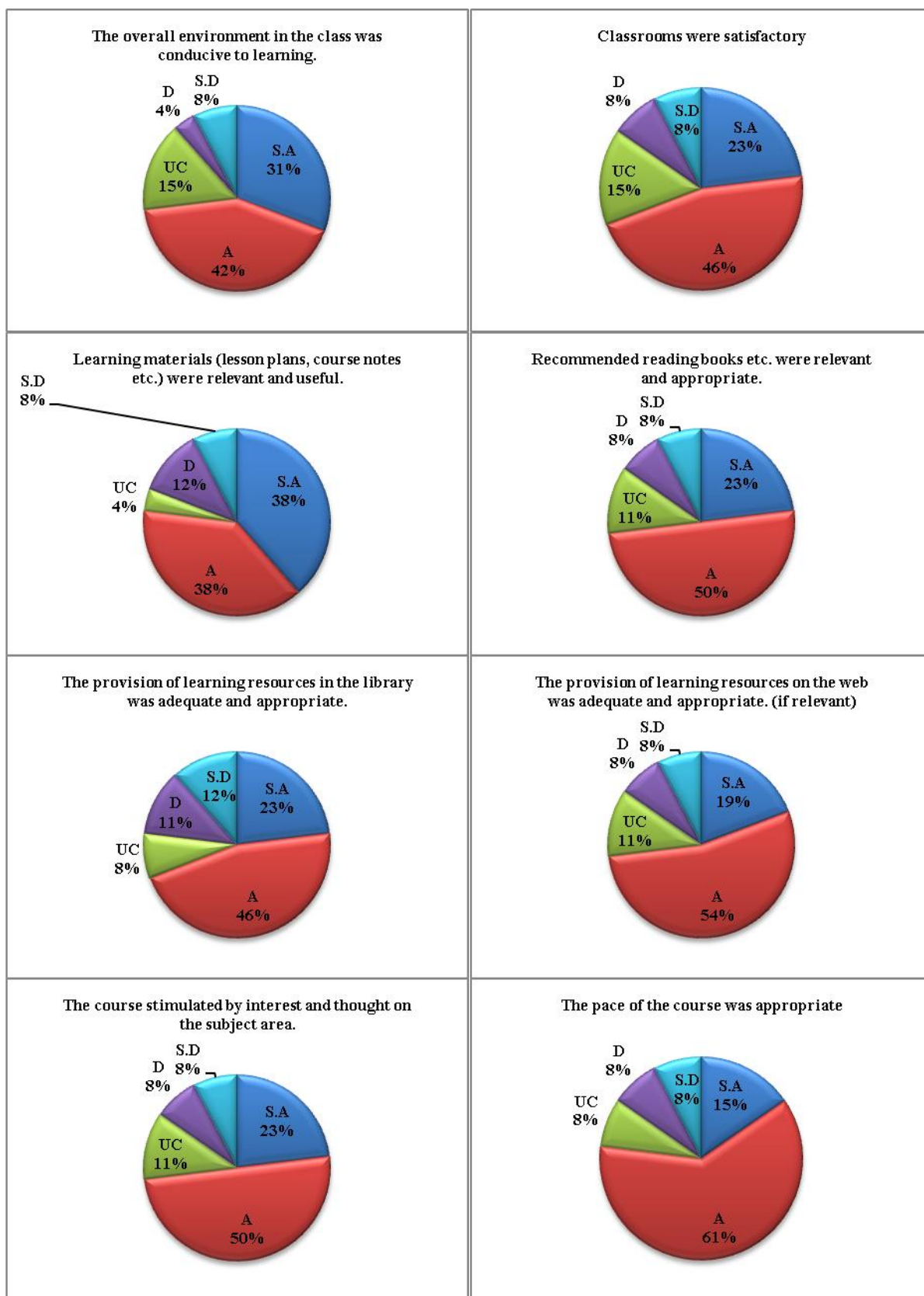
General Comments of the Students about this Course Weaknesses:

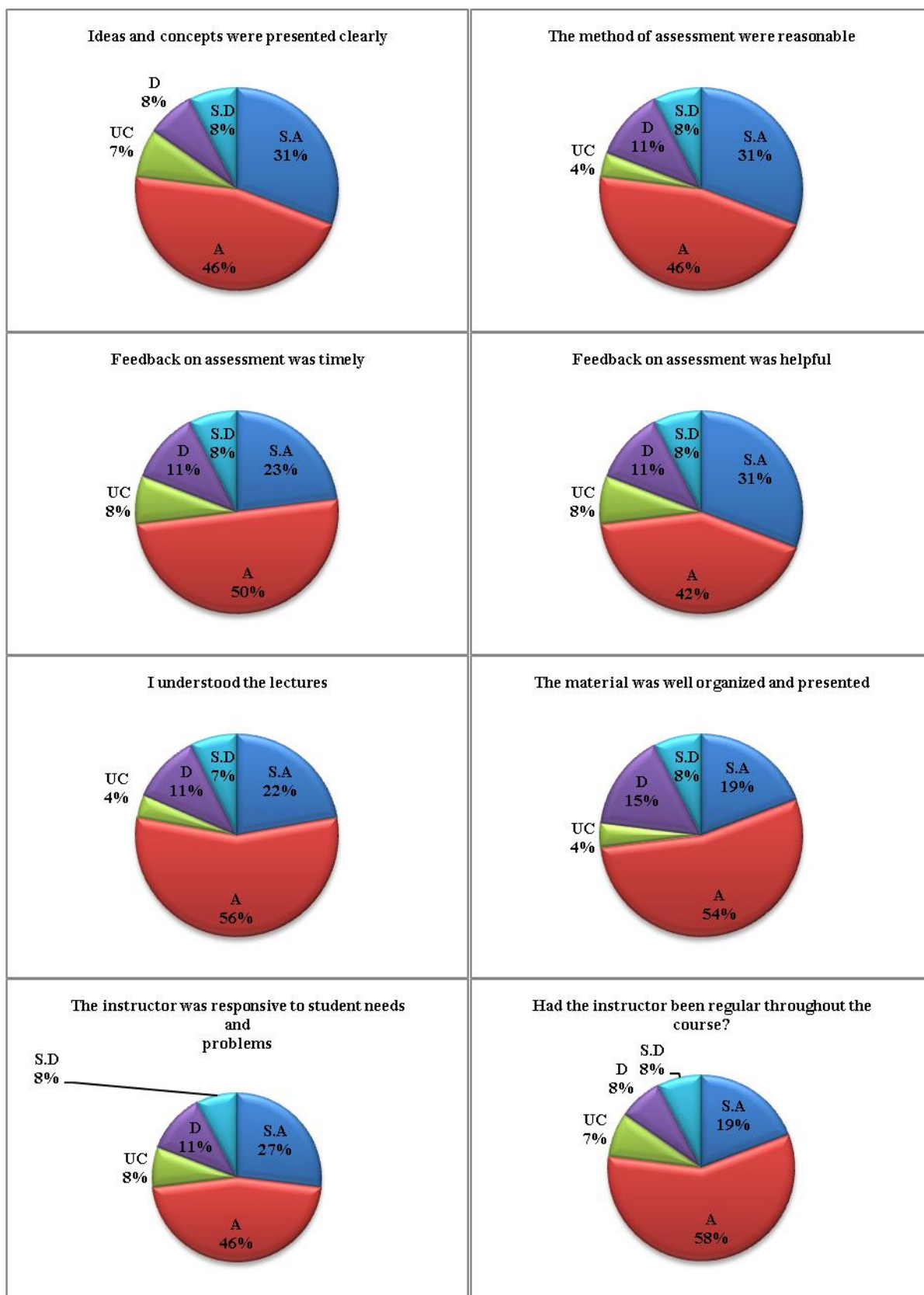
- Course should be up graded and up dated.
- Feedback on assessment was not timely.
- Proper materials were not available for practical demonstration.

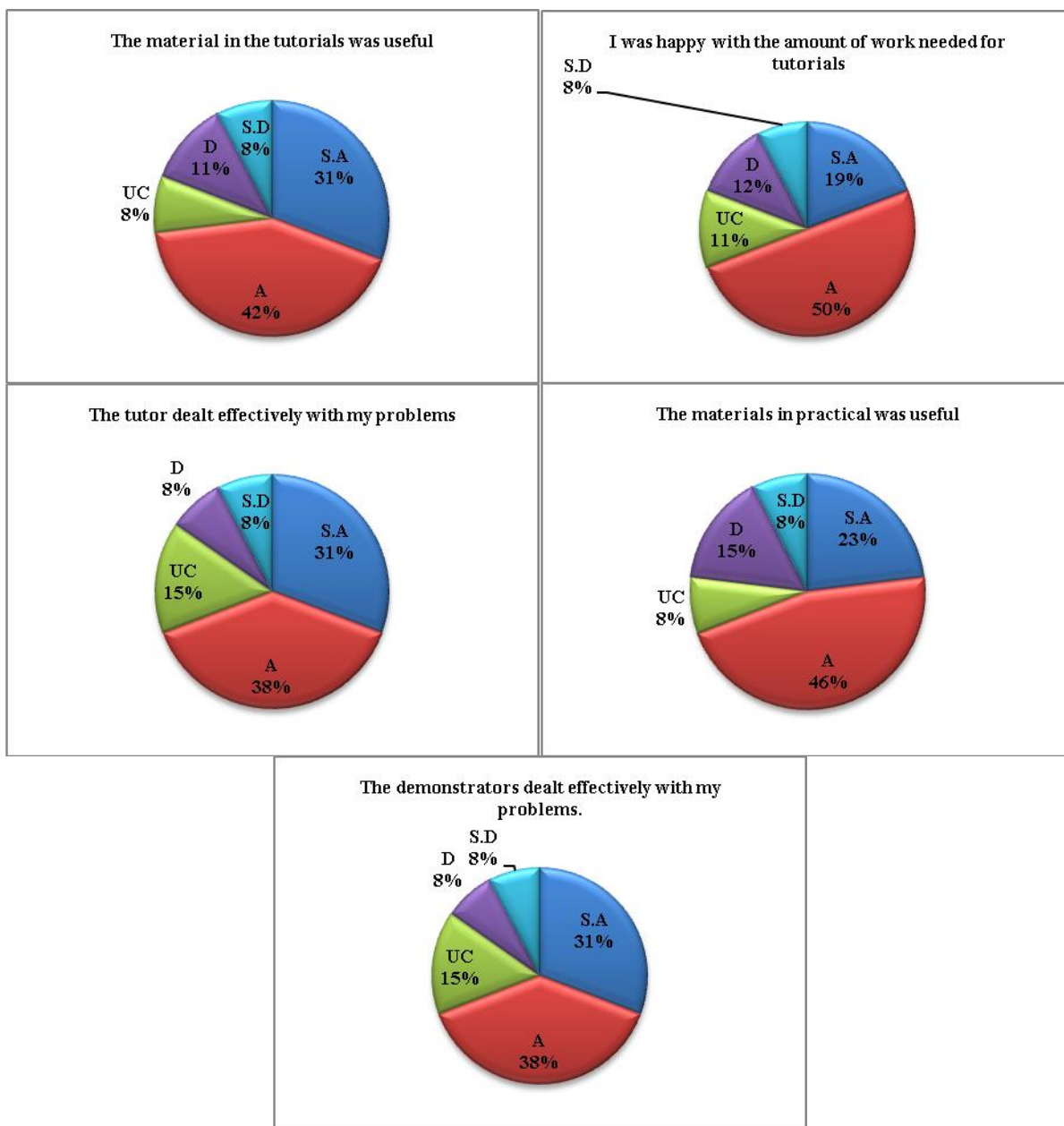
CS-323 (Bushra Hamid)

The graph shows the details of the evaluation. The course objectives were clear. The graph “The Course Objectives were clear” indicates this. (27% strongly agreed, 54% agreed, 7% are uncertain, 4% disagreed and 8% strongly disagreed). The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this. (27% strongly agreed, 50% agreed, 7% are uncertain, 8% disagreed and 8% strongly disagreed). “The pace of the course was appropriate” (15% strongly agreed, 61% agreed, 8% are uncertain, 8% disagreed and 8% strongly disagreed). The concepts in this course were well explained. The graph “Ideas and concepts were presented clearly” reveals this fact. (31% strongly agreed, 46% agreed, 7% are uncertain, 8% disagreed and 8% strongly disagreed). The course lectures were well understood by the students. The graph “I understood the lectures show this trend. (22% strongly agreed, 56% agreed, 4% are uncertain, 11% disagreed and 7% strongly disagreed).









General Comments of Students about this course:

Strengths :

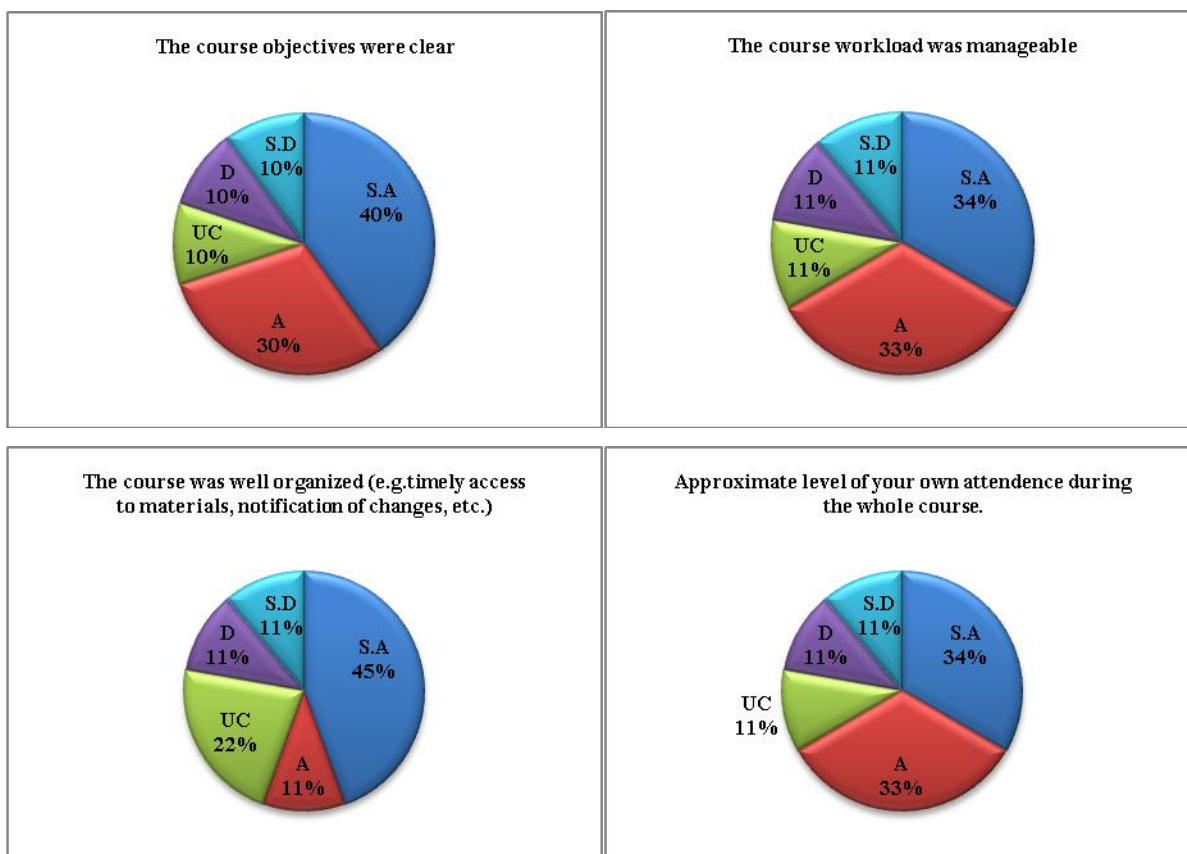
- Concepts are well explained.
- Manageable work load
- Good pace
- A clear course objectives

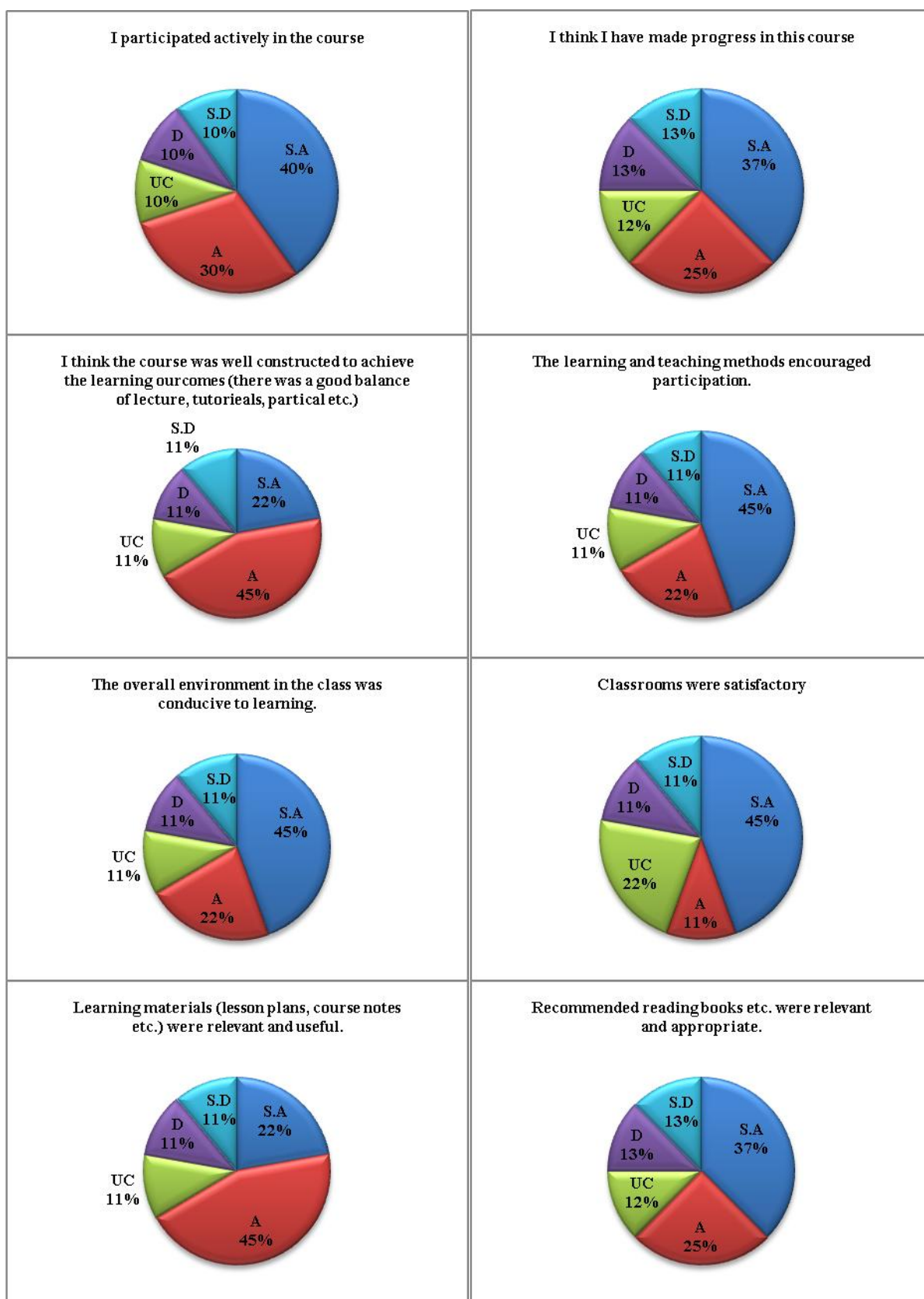
Weaknesses:

- Assessment feedback should be given on time.

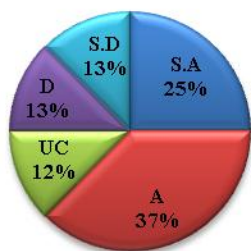
CS-335 (Syed Mushhad Gilani)

The graph shows the details of the evaluation. The course was managed at a good pace by the teacher. This can be seen in the graph “The pace of the course was appropriate”, 34% strongly agreed, 33% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph “I think the course was well constructed to achieve learning outcomes (there was a good balance of lecture, tutorials, practical etc.)”, 22% strongly agreed, 45% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. Teacher’s teaching methodology encouraged students to participate in the course. The graph “The learning and teaching methods encouraged participation” as shown in the graph is 45% strongly agreed, 22% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The instructor maintained a good clarity of presenting ideas and concepts throughout the course. The graph “Ideas and concepts were presented clearly” reflects this, 34% strongly agreed, 33% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed.

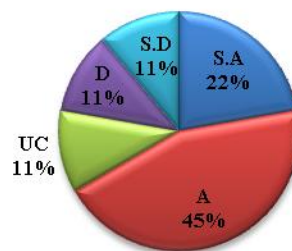




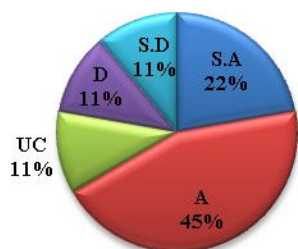
The provision of learning resources in the library was adequate and appropriate.



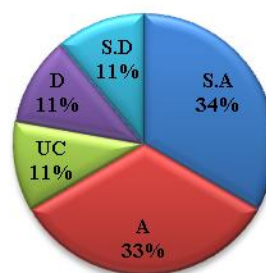
The provision of learning resources on the web was adequate and appropriate. (if relevant)



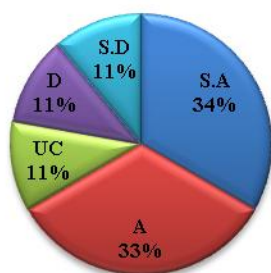
The course stimulated by interest and thought on the subject area.



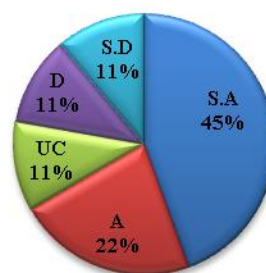
The pace of the course was appropriate



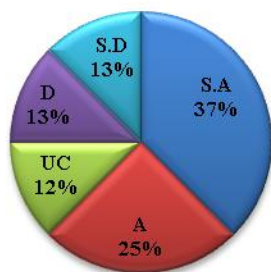
Ideas and concepts were presented clearly



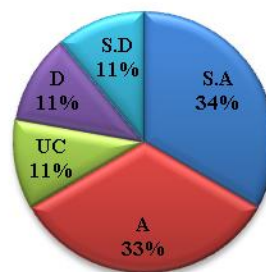
The method of assessment were reasonable



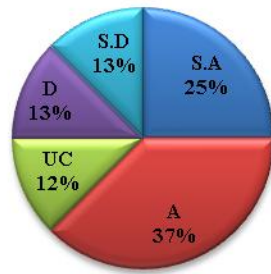
Feedback on assessment was timely



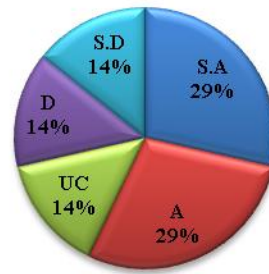
Feedback on assessment was helpful



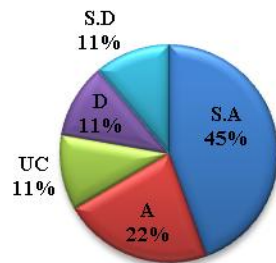
I understood the lectures



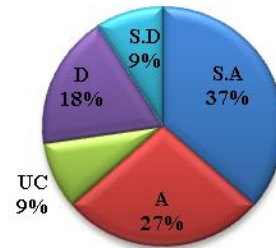
The material was well organized and presented



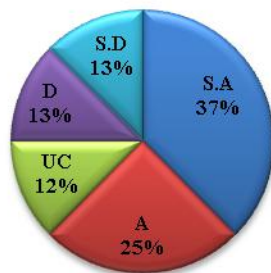
The instructor was responsive to student needs and problems



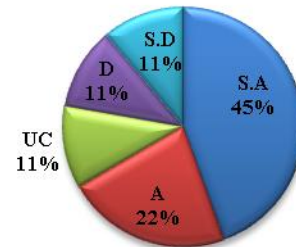
Had the instructor been regular throughout the course?



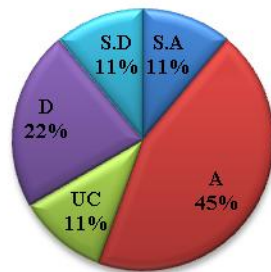
The material in the tutorials was useful



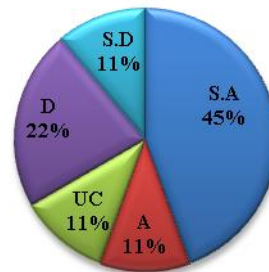
I was happy with the amount of work needed for tutorials

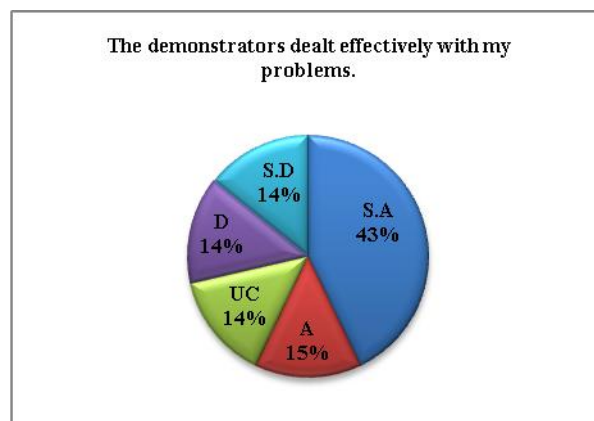


The tutor dealt effectively with my problems



The materials in practical was useful





General Comments of Students about this course

Strength:

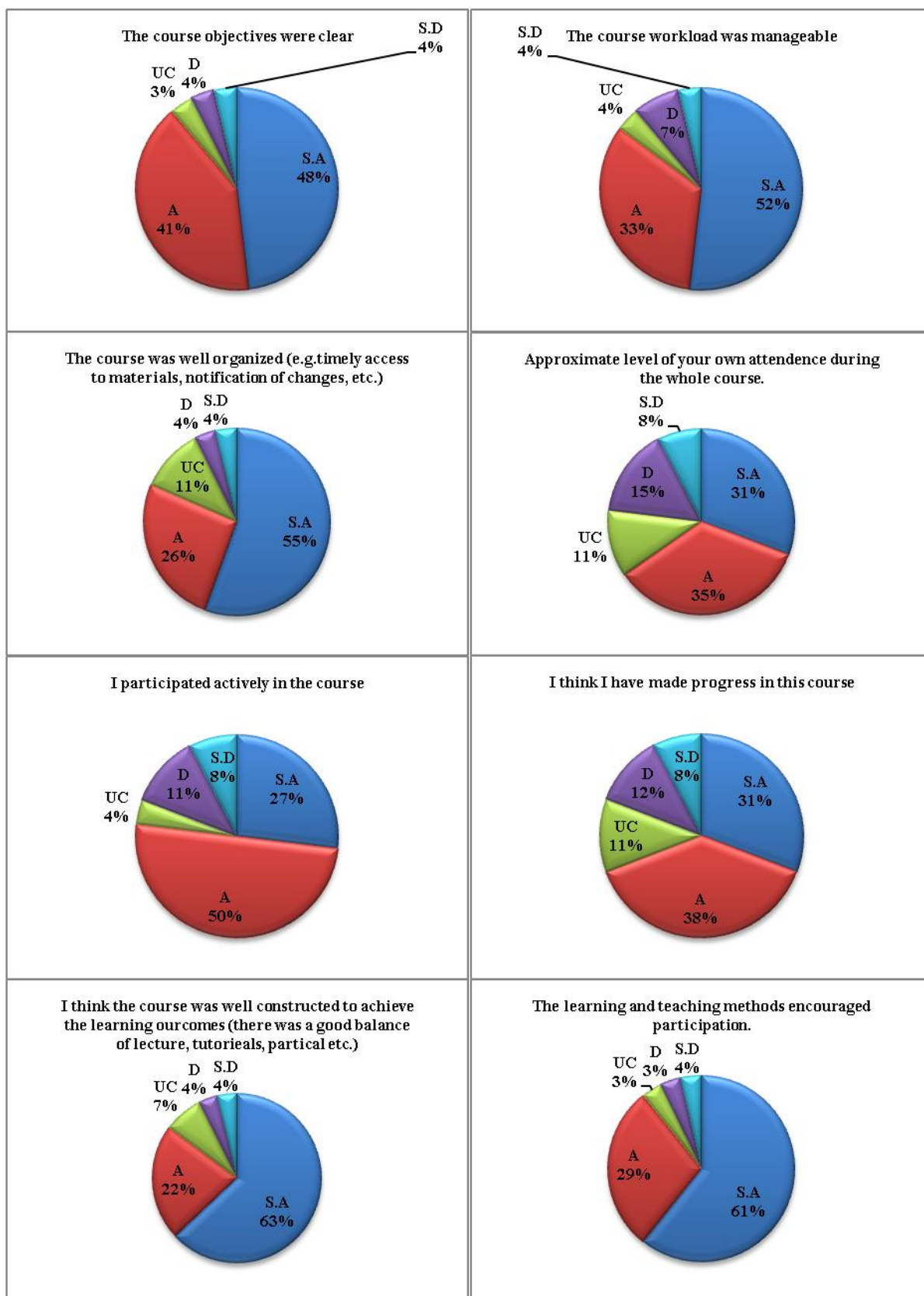
- Always well prepared for the lecture
- Encourage the questions in the class

Weaknesses:

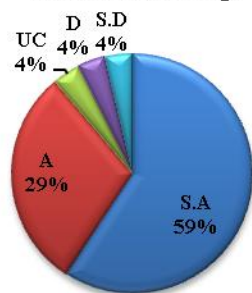
- Practicals should be increased
- More reference material required.
- Timely feedback required.

CS-443 (Syed Mushhad Gilani)

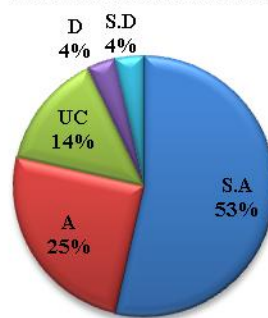
The graph shows the details of the evaluation. The course is well managed and organized by the teacher. This can be seen in the graph “The course was well organized” 55% strongly agreed, 26% agreed, 11% are uncertain, 4% disagreed and 4% strongly disagreed. Teacher’s feedback on the assessments was timely and helpful for the students. This can be seen in the graph “Feedback on assessment was timely” 36% strongly agreed, 53% agreed, 3% are uncertain, 4% disagreed and 4% strongly disagreed and “Feedback on assessment was helpful” 36% strongly agreed, 50% agreed, 7% are uncertain, 3% disagreed and 4% strongly disagreed. The course objectives were clear and course proceeded according to the way of achieving this. The graph “The Course Objectives were clear” indicates this. 48% strongly agreed, 41% agreed, 3% are uncertain, 4% disagreed and 4% strongly disagreed. The instructor recommended relevant and appropriate reading material for this course. The graph “Recommended reading materials were relevant and appropriate” reflects this 41% strongly agreed, 44% agreed, 7% are uncertain, 4% disagreed and 4% strongly disagreed.



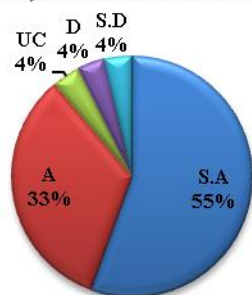
The overall environment in the class was conducive to learning.



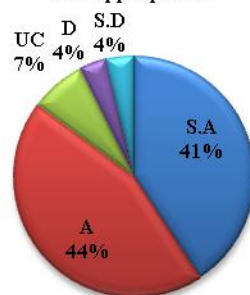
Classrooms were satisfactory



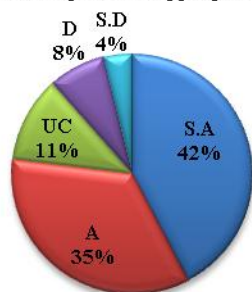
Learning materials (lesson plans, course notes etc.) were relevant and useful.



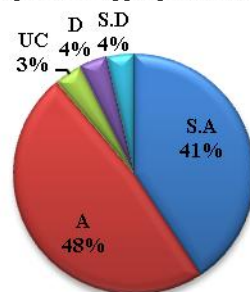
Recommended reading books etc. were relevant and appropriate.



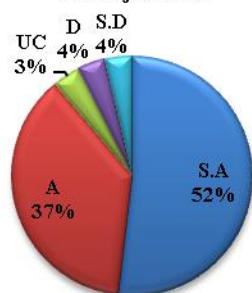
The provision of learning resources in the library was adequate and appropriate.



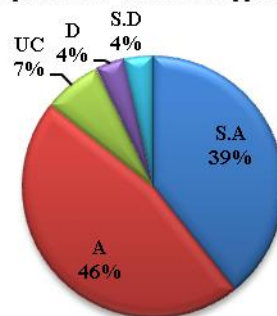
The provision of learning resources on the web was adequate and appropriate. (if relevant)

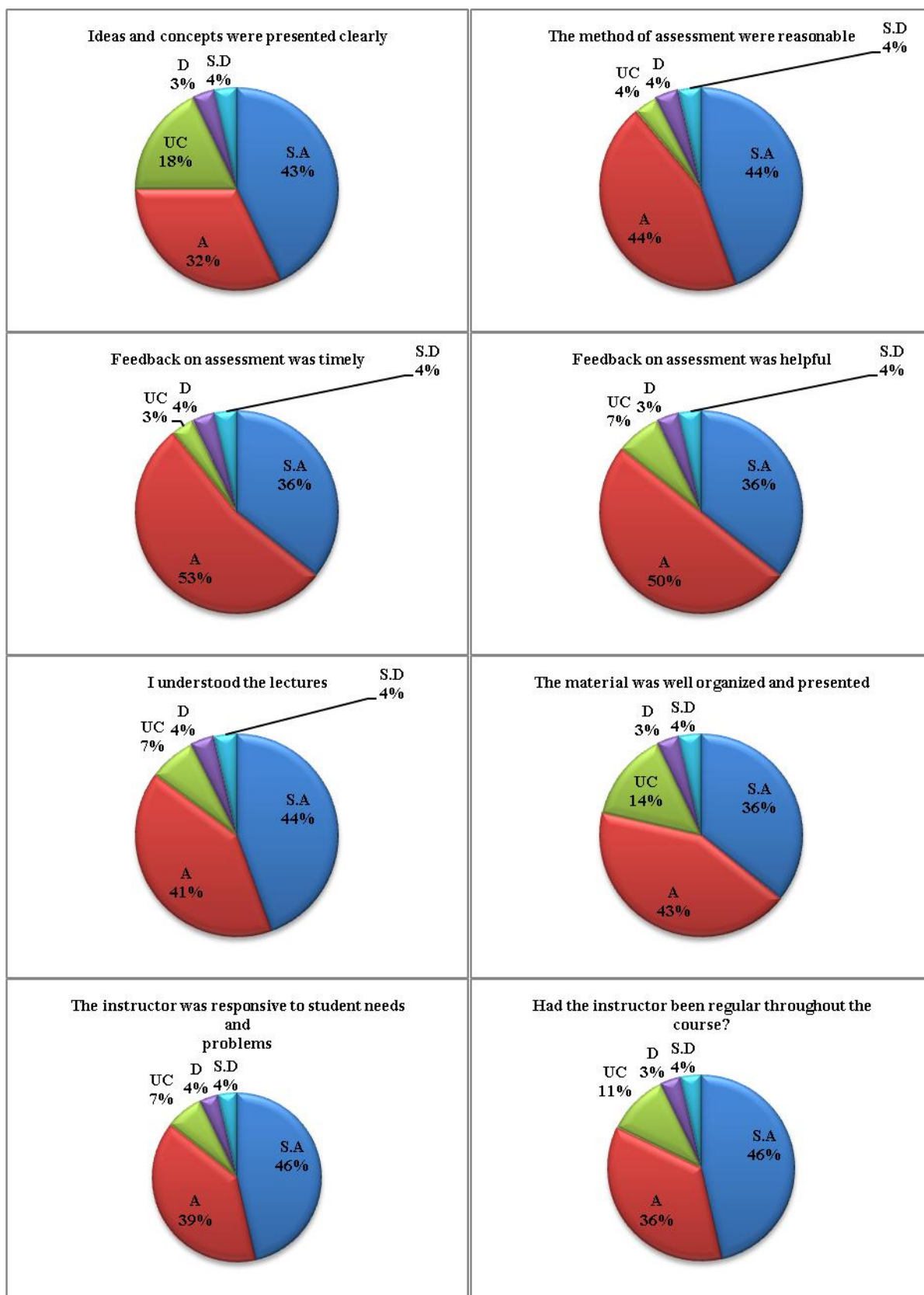


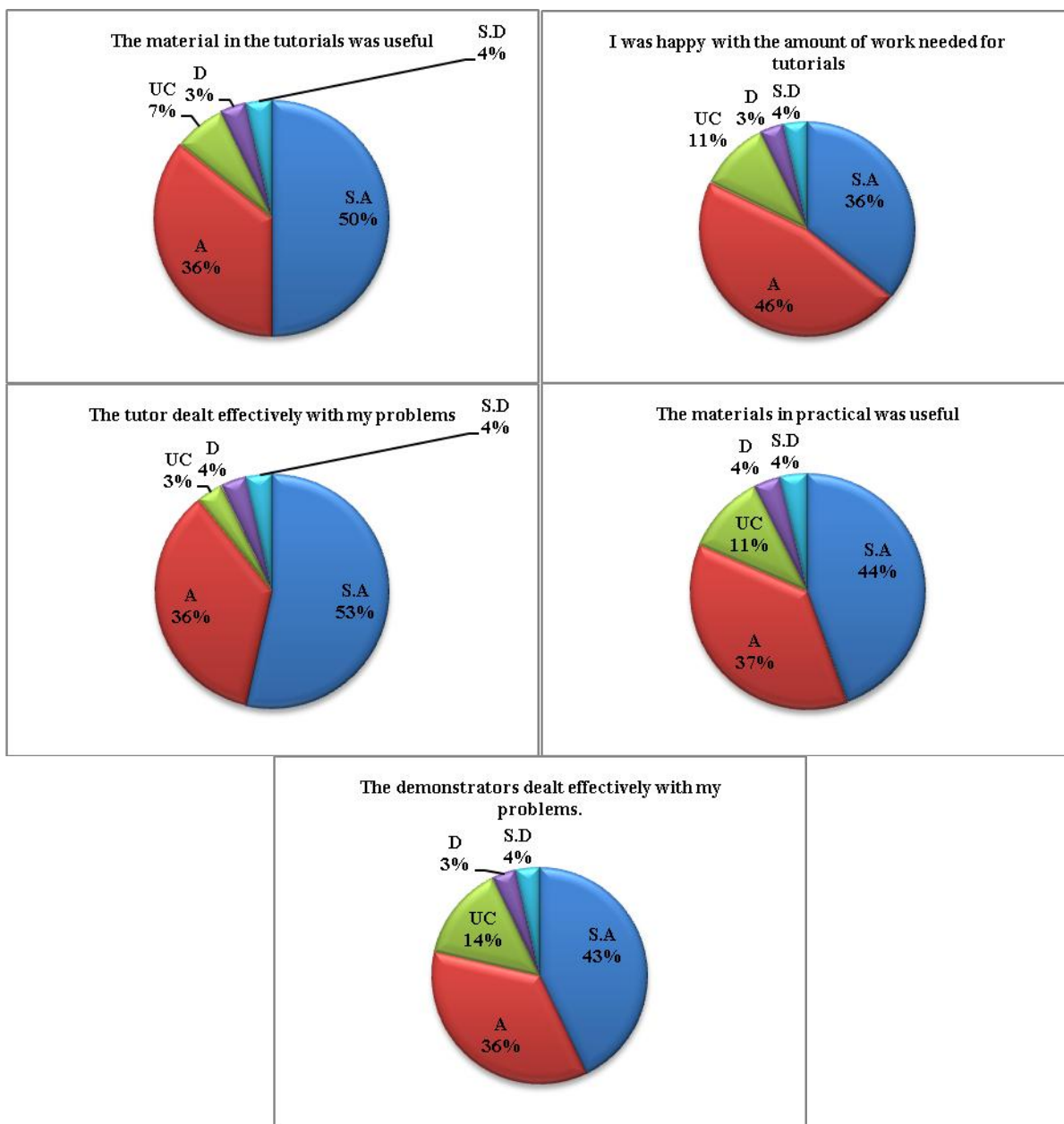
The course stimulated by interest and thought on the subject area.



The pace of the course was appropriate







General Comments of Students about this course

Strength:

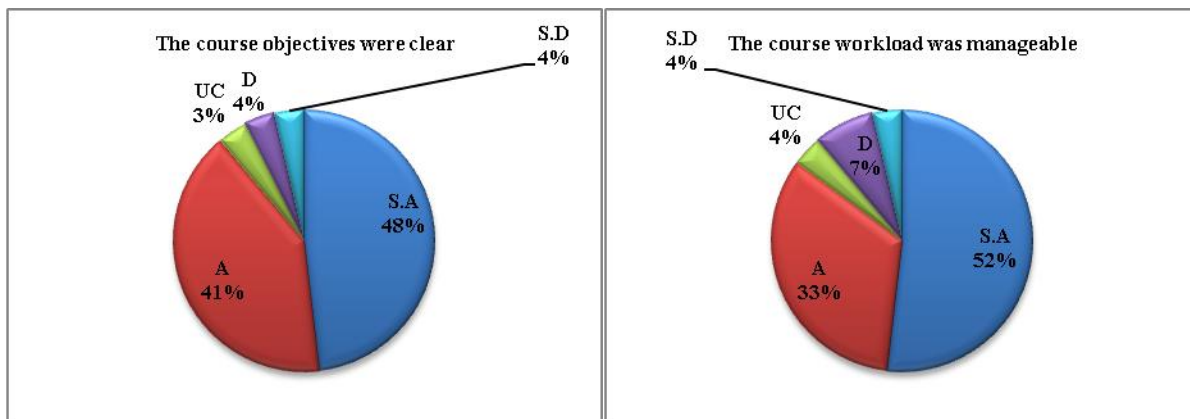
- Timely and helpful feedback on assessment
- Clear course objectives
- Well organized course
- Good recommended study material

Weaknesses:

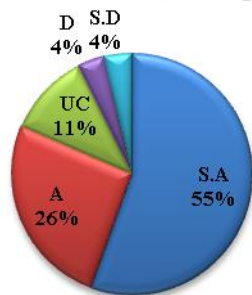
- Course needs to be re-designed
- There should be more use of the white board.

CS-443 (Dr. Nawazish Naveed)

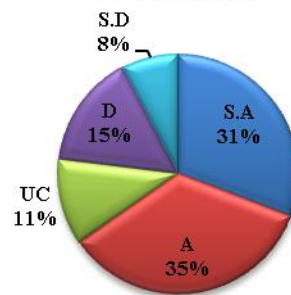
The graph shows the details of the evaluation. The course objectives were clear and the course should be proceeded according to the way of achieving those objectives. The graph “The Course Objectives were clear” indicates that 48% were strongly agreed, 41% were agreed, 3% were uncertain, 3% were disagreed and 4% were strongly disagreed. The instructor proved to be very helping. The graph “The instructor was responsive to student needs indicates that 46% strongly were agreed, 39% were agreed, 7% were uncertain, 4% were disagreed and 4% were strongly disagreed. The course was well organised. This can be seen in the graph “The course was well organized” indicates that 55% were strongly agreed, 26% were agreed, 11% were uncertain, 4% were disagreed and 4% were strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” indicates that 52% were strongly agreed, 33% were agreed, 4% were uncertain, 7% were disagreed and 4% were strongly disagreed.



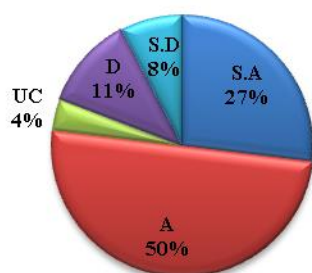
The course was well organized (e.g.timely access to materials, notification of changes, etc.)



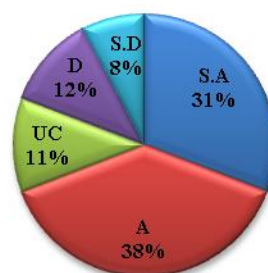
Approximate level of your own attendance during the whole course.



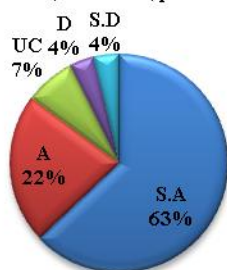
I participated actively in the course



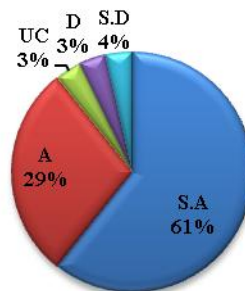
I think I have made progress in this course



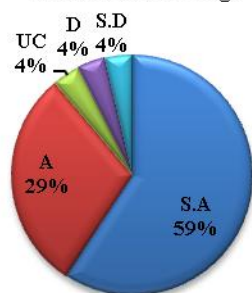
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, partical etc.)



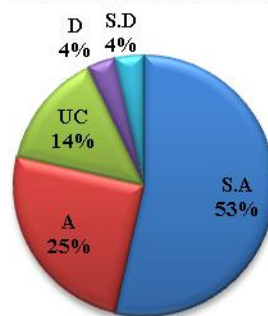
The learning and teaching methods encouraged participation.

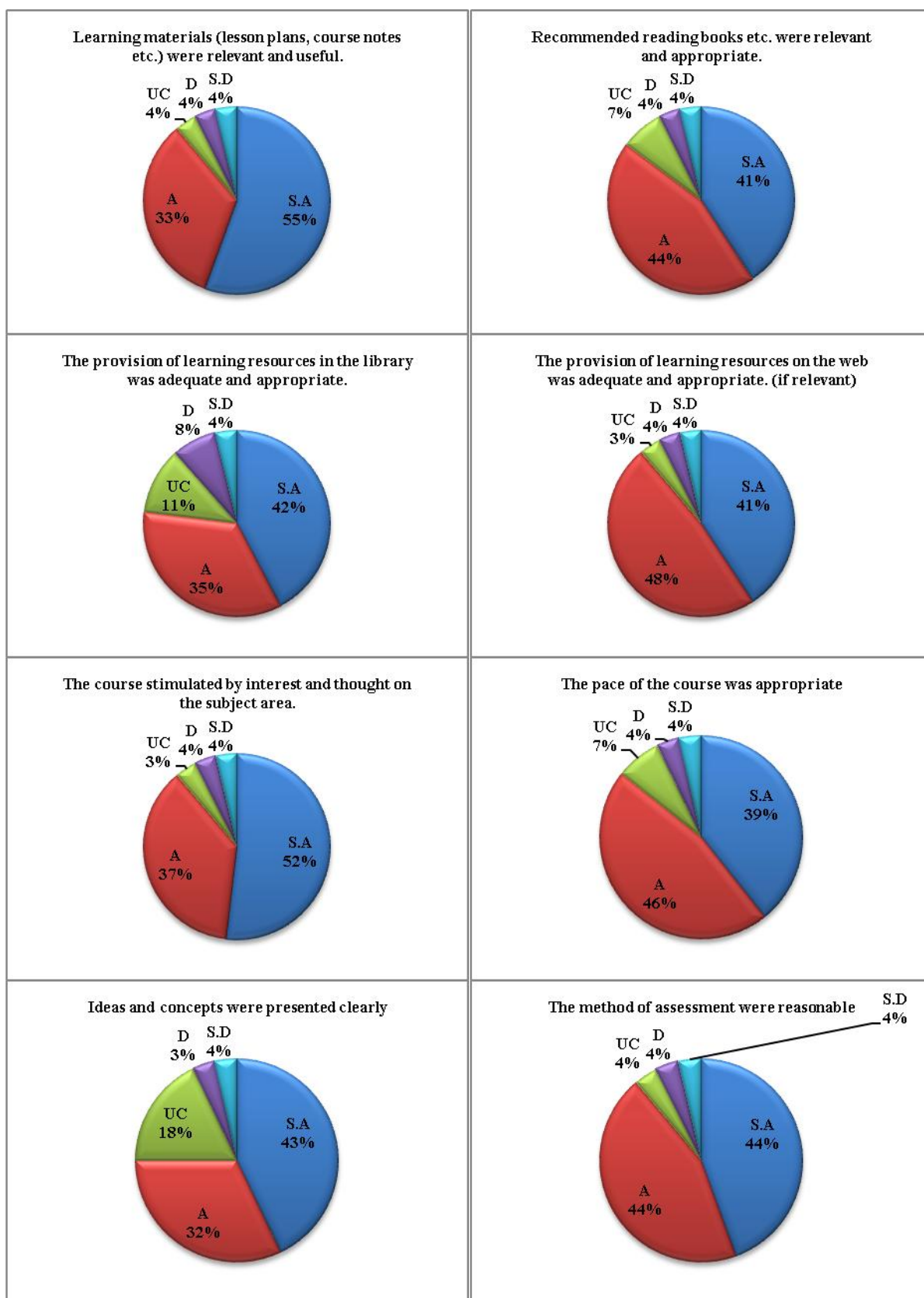


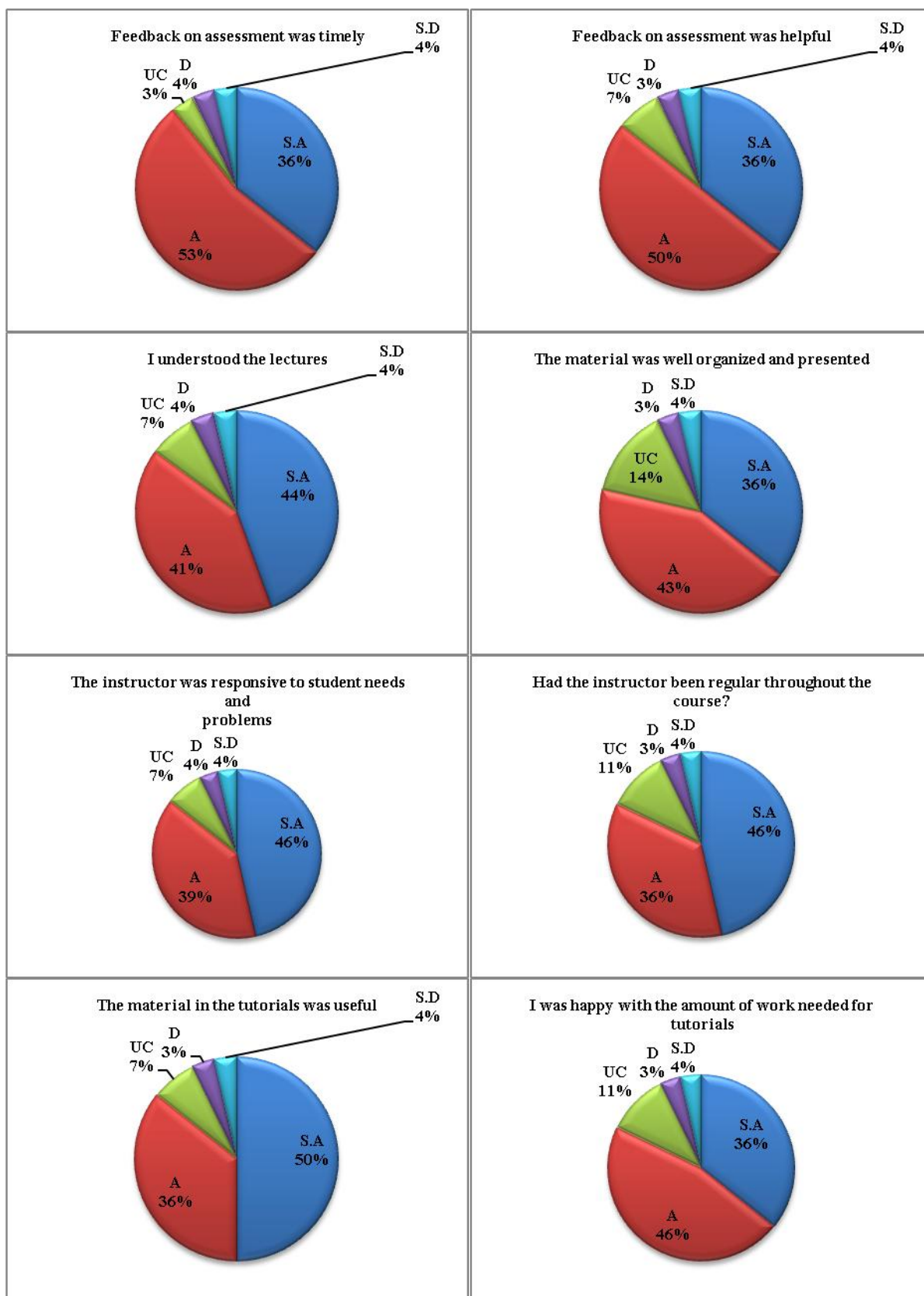
The overall environment in the class was conducive to learning.

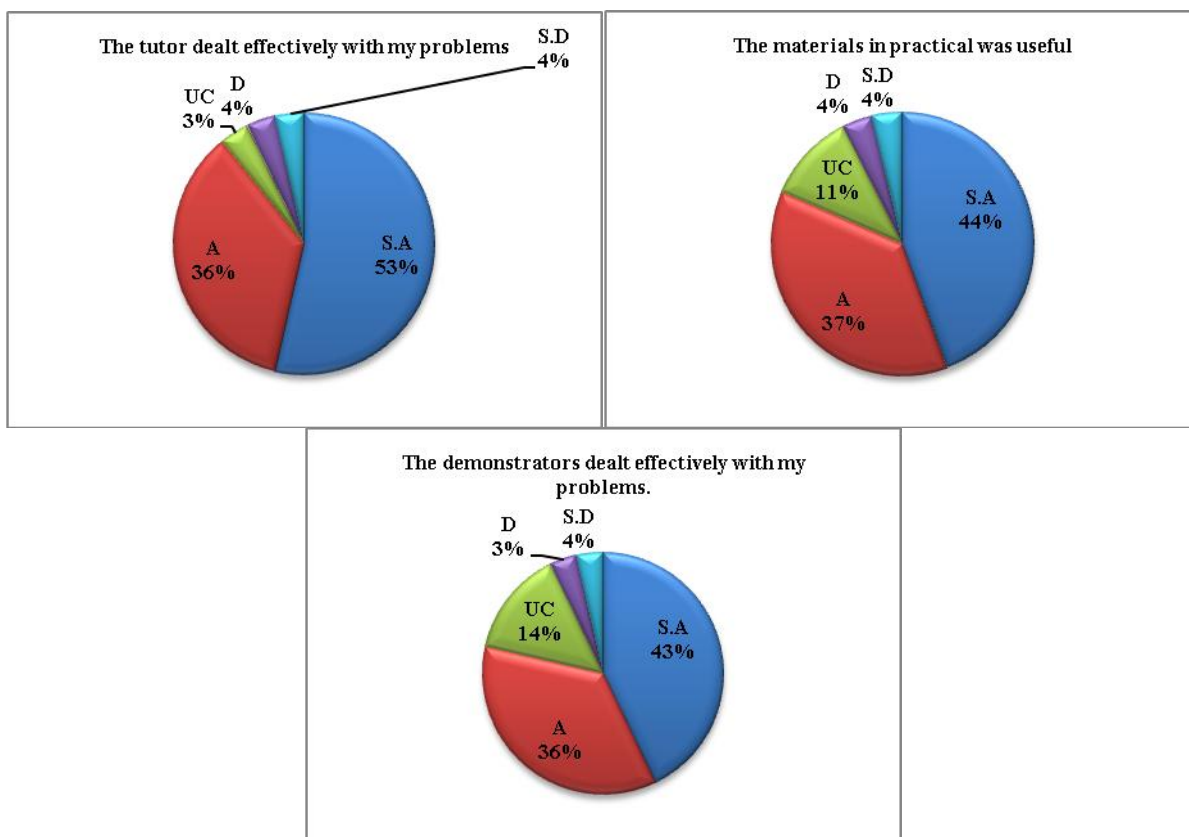


Classrooms were satisfactory









General Comments of Students about this course

Strength:

- Available for help
- Clear course objectives
- Reasonable work load
- Well organized course

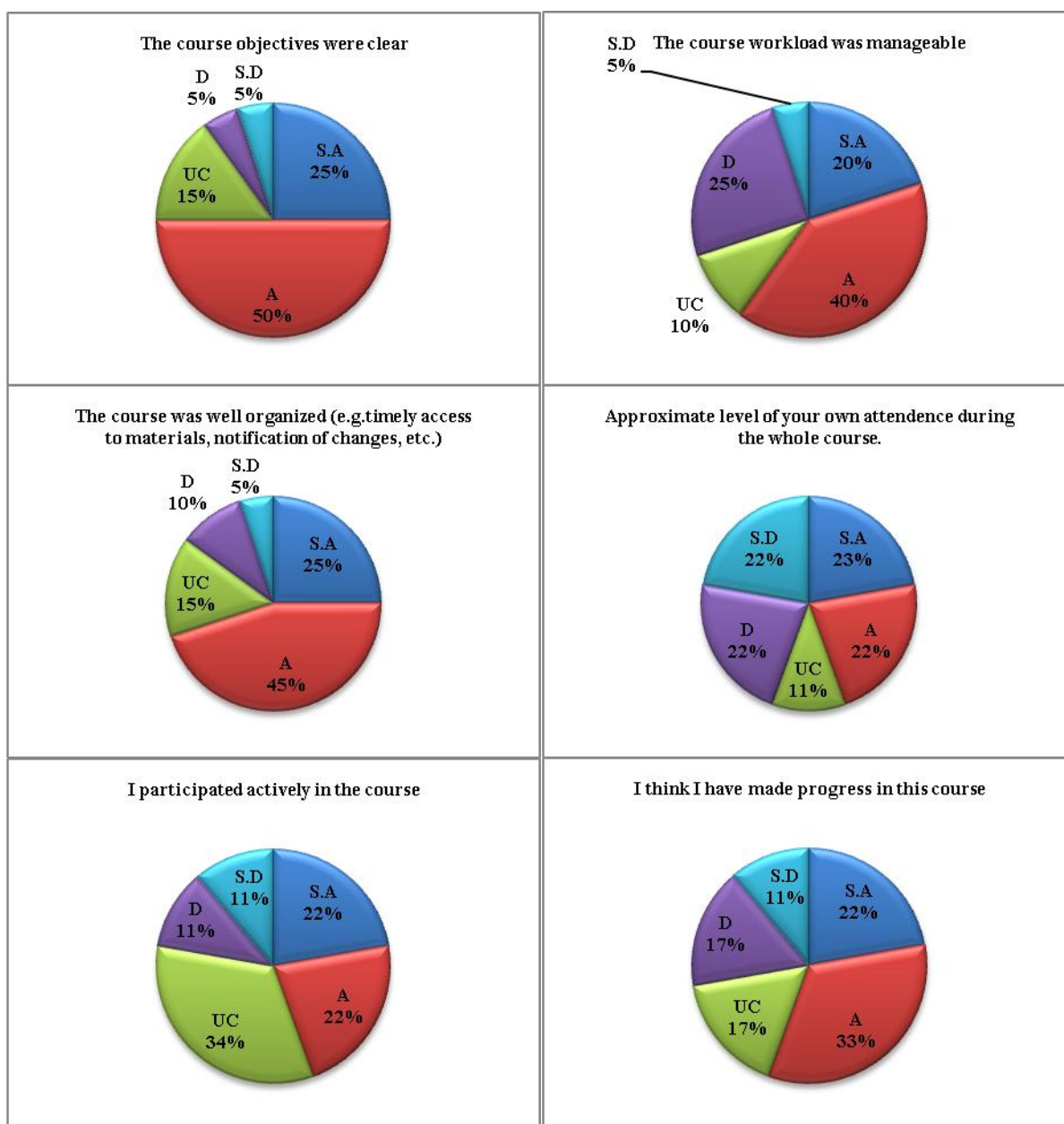
Weaknesses:

- More time required for practicals

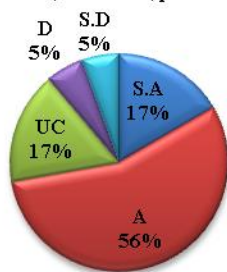
CS-323 (Mr. Shehzad Saqib Malik)

The graph shows the details of the evaluation. The course stimulated interest and thought in the students for this course. The graph ‘The course stimulated interest and thought on the subject area’, 20% strongly agreed, 60% agreed, 10% are uncertain, 5% disagreed and 5% strongly disagreed. The instructor recommended relevant and appropriate reading material for this course. The graph “Recommended reading materials were relevant and appropriate” reflects that, 11%

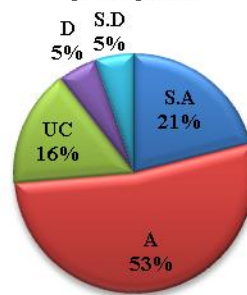
strongly agreed, 56% agreed, 17% are uncertain, 11% disagreed and 5% strongly disagreed. Teaching methodology encouraged student participation in this course. This can be seen from the graph, “The learning and teaching methods encouraged participation”, 21% strongly agreed, 53% agreed, 16% are uncertain, 5% disagreed and 5% strongly disagreed. There were enough library resources available for this course. This is shown in the graph “The provision of learning resources in the library were adequate and appropriate”, 33% strongly agreed, 38% agreed, 10% are uncertain, 5% disagreed and 14% strongly disagreed.



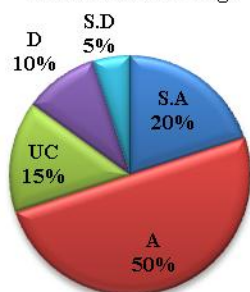
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



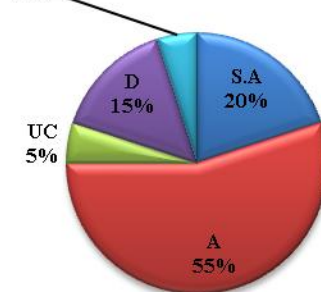
The learning and teaching methods encouraged participation.



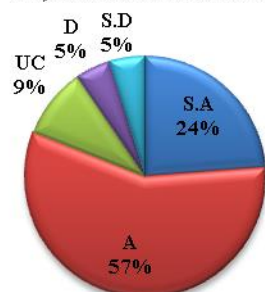
The overall environment in the class was conducive to learning.



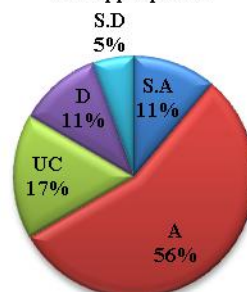
S.D Classrooms were satisfactory



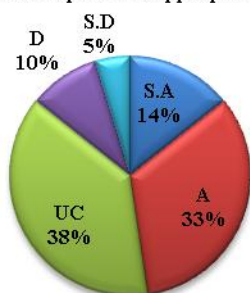
Learning materials (lesson plans, course notes etc.) were relevant and useful.



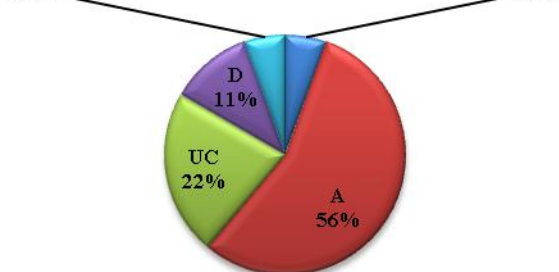
Recommended reading books etc. were relevant and appropriate.



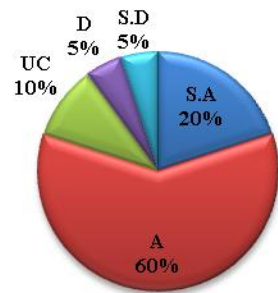
The provision of learning resources in the library was adequate and appropriate.



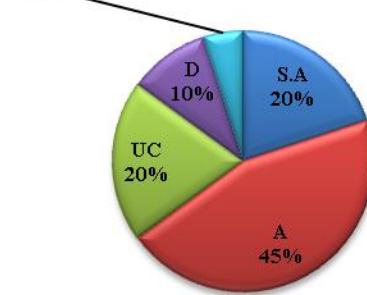
The provision of learning resources on the web was adequate and appropriate. (if relevant)



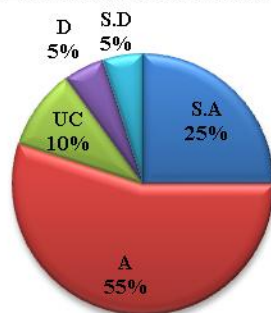
The course stimulated by interest and thought on the subject area.



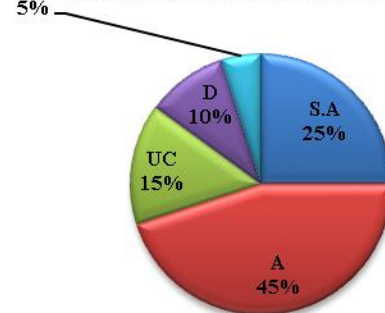
S.D The pace of the course was appropriate



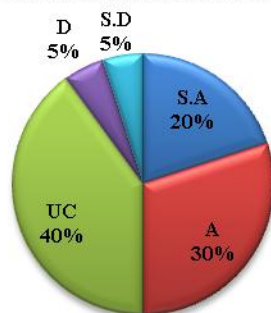
Ideas and concepts were presented clearly



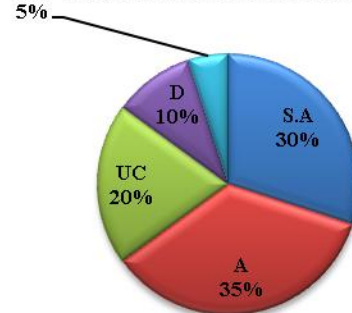
S.D The method of assessment were reasonable



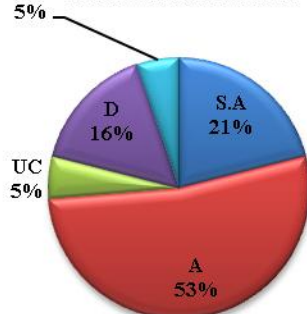
Feedback on assessment was timely



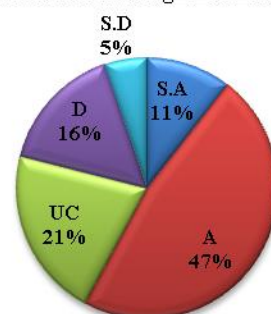
S.D Feedback on assessment was helpful

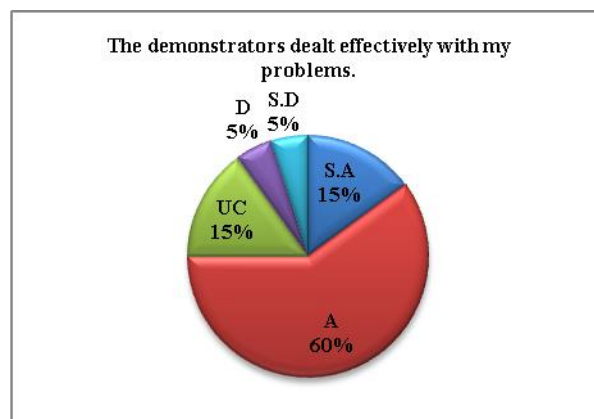
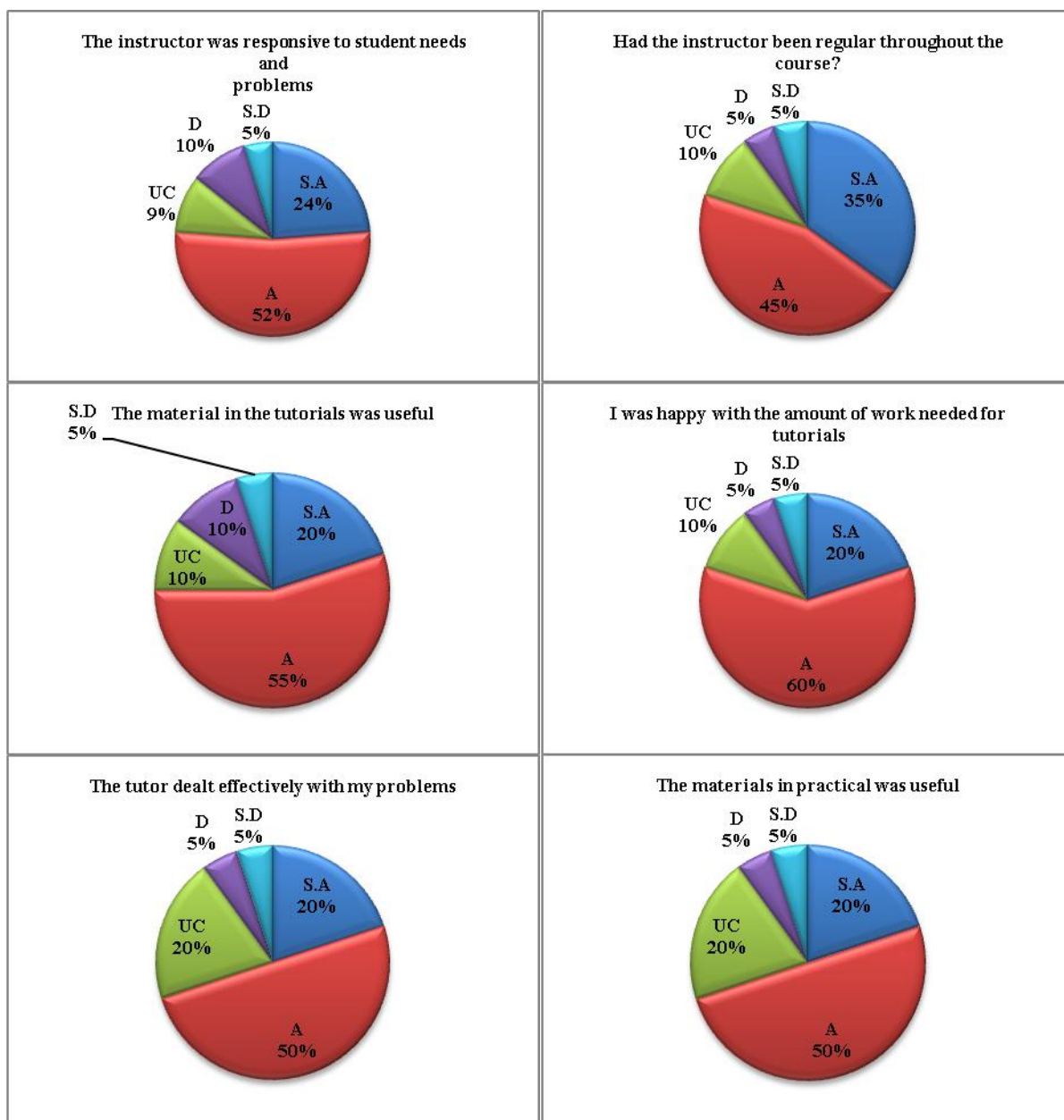


S.D I understood the lectures



The material was well organized and presented





General Comments of Students about this course

Strength:

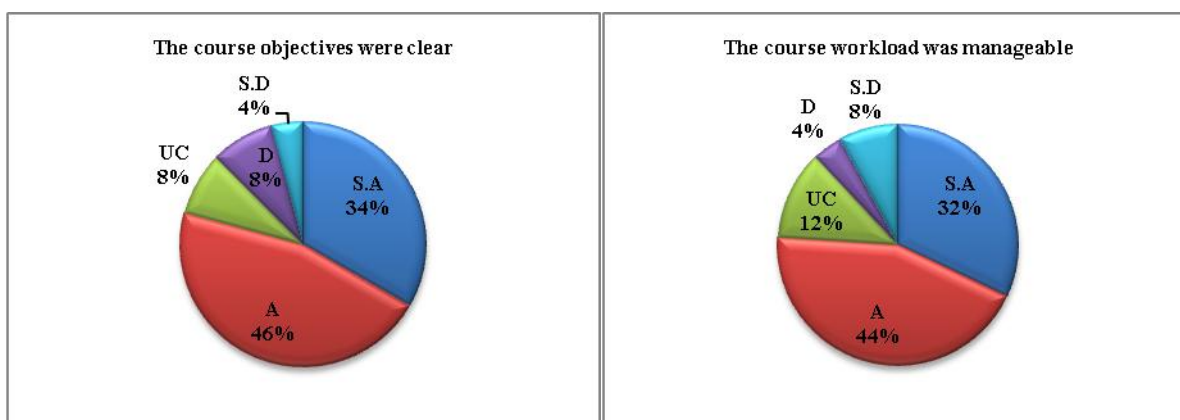
- Well prepared objectives
- Timely feedback on the assessment.

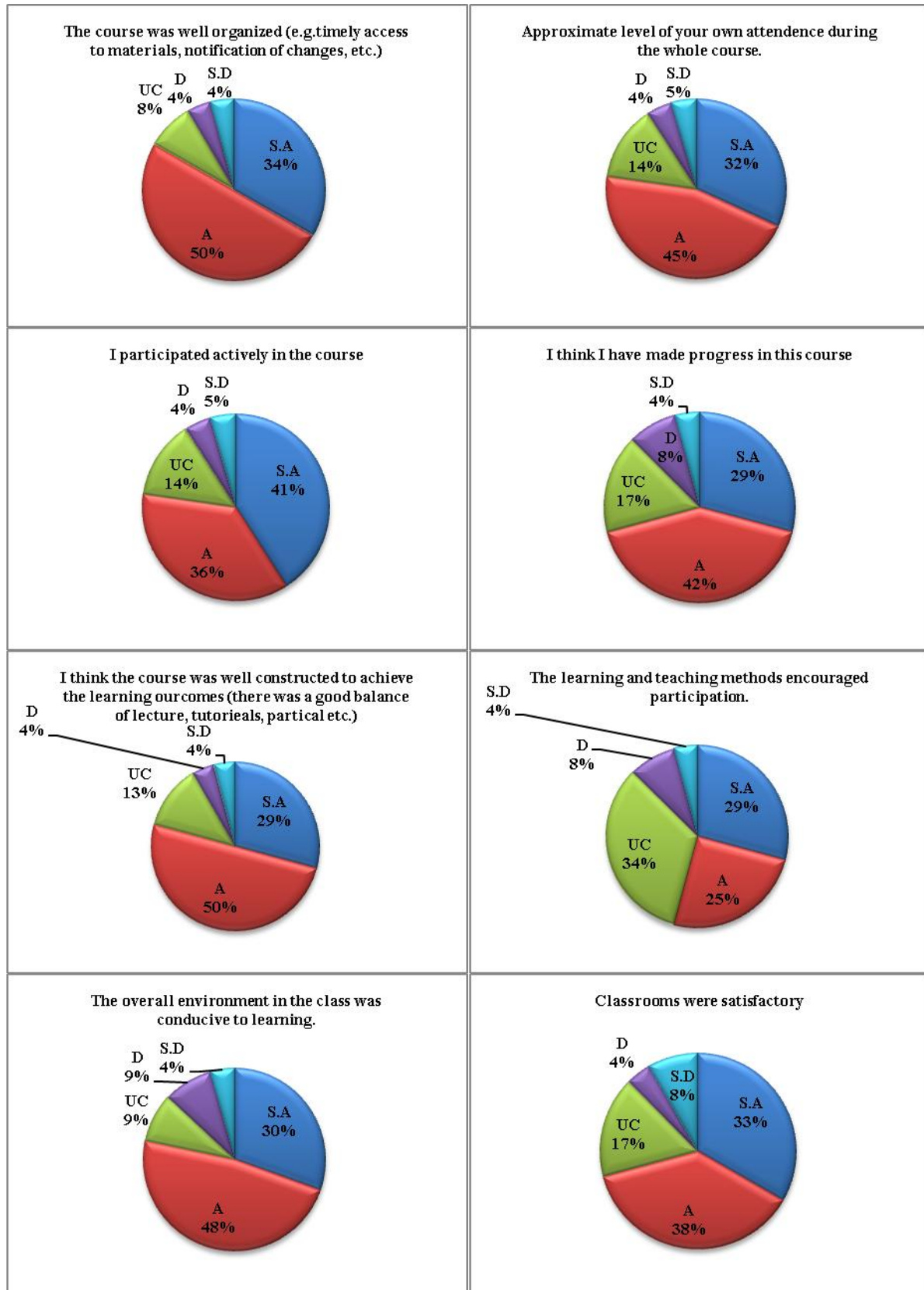
Weaknesses:

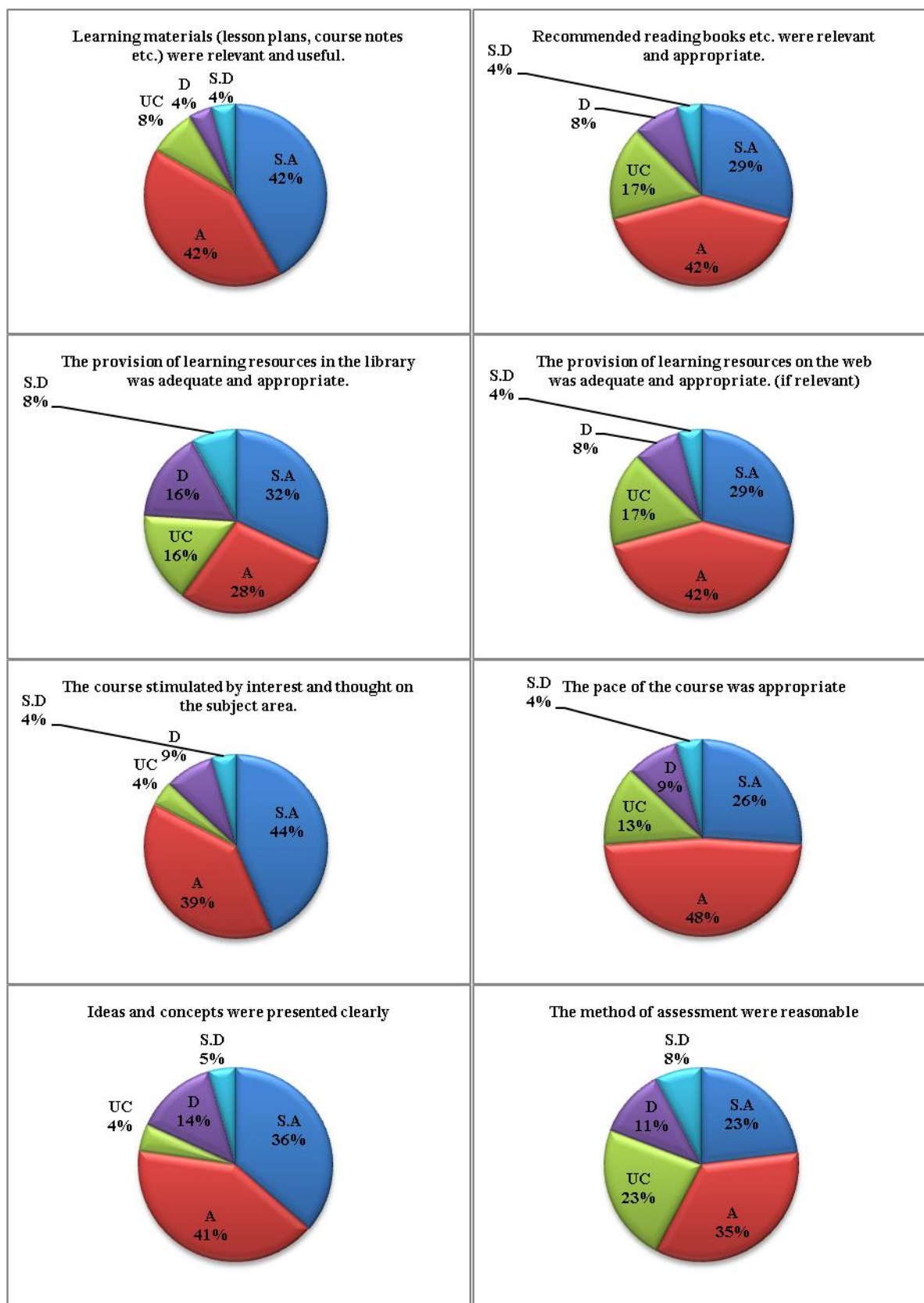
- Reduce course outline

CS-335 (Mr. Shehzad Saqib Malik)

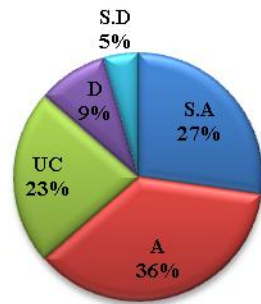
The graph shows the details of the evaluation. The graph “The course objective were clear” indicates this. (34% strongly agreed, 46% agreed, 8% are uncertain, 8% disagreed and 4% strongly disagreed). The instructor also provides additional study material apart from the text to students. The graph “The course workload was manageable as shown from the data that“ reflects this. (32% strongly agreed, 44% agreed, 12% are uncertain, 4% disagreed and 8% strongly disagreed). This can be seen in the graph “The course is well organized”. (34% strongly agreed, 50% agreed, 8% are uncertain, 4% disagreed and 4% strongly disagreed). “The material in the tutorial was useful” 28% strongly agreed, 44% agreed, 12% are uncertain, 8% disagreed and 8% strongly disagreed). “The feedback on assessment was timely. (27% strongly agreed, 36% agreed, 23% are uncertain, 9% disagreed and 5% strongly disagreed). “ The pace of the course was appropriate “ (26% strongly agreed, 48% agreed, 13% are uncertain, 9% disagreed and 4% strongly disagreed).” The instructor had made progress in this course “. (29% strongly agreed, 42% agreed, 17% are uncertain, 8% disagreed and 4% strongly disagreed).



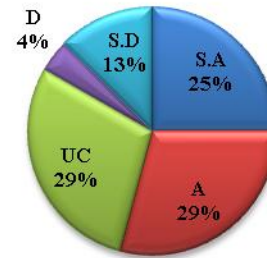




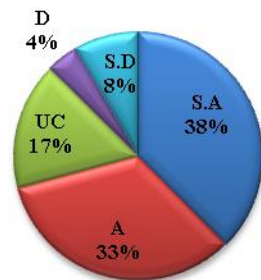
Feedback on assessment was timely



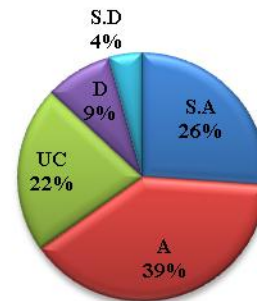
Feedback on assessment was helpful



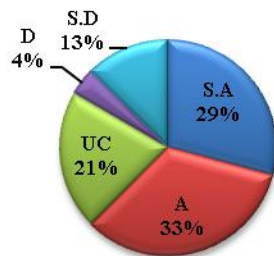
I understood the lectures



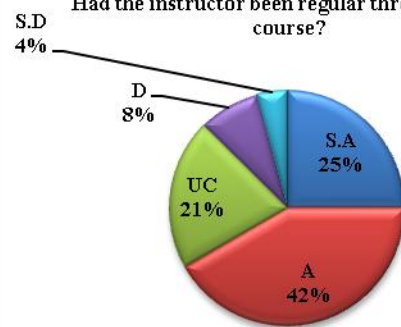
The material was well organized and presented



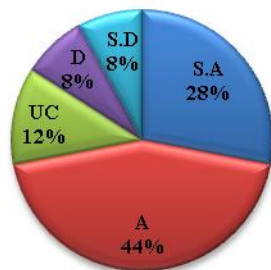
The instructor was responsive to student needs and problems



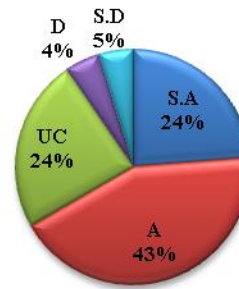
Had the instructor been regular throughout the course?

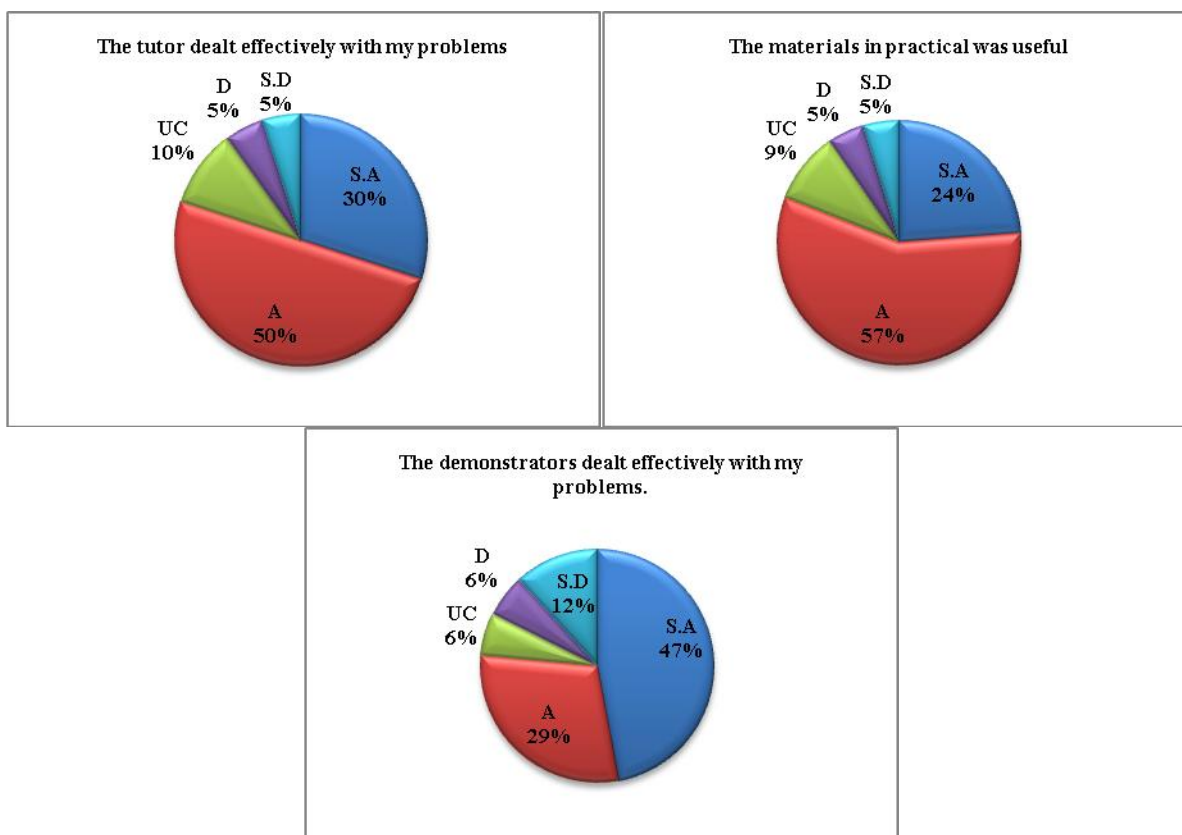


The material in the tutorials was useful



I was happy with the amount of work needed for tutorials





General Comments of Students about this course

Strength:

- Good teaching method
- Practical material was helpful

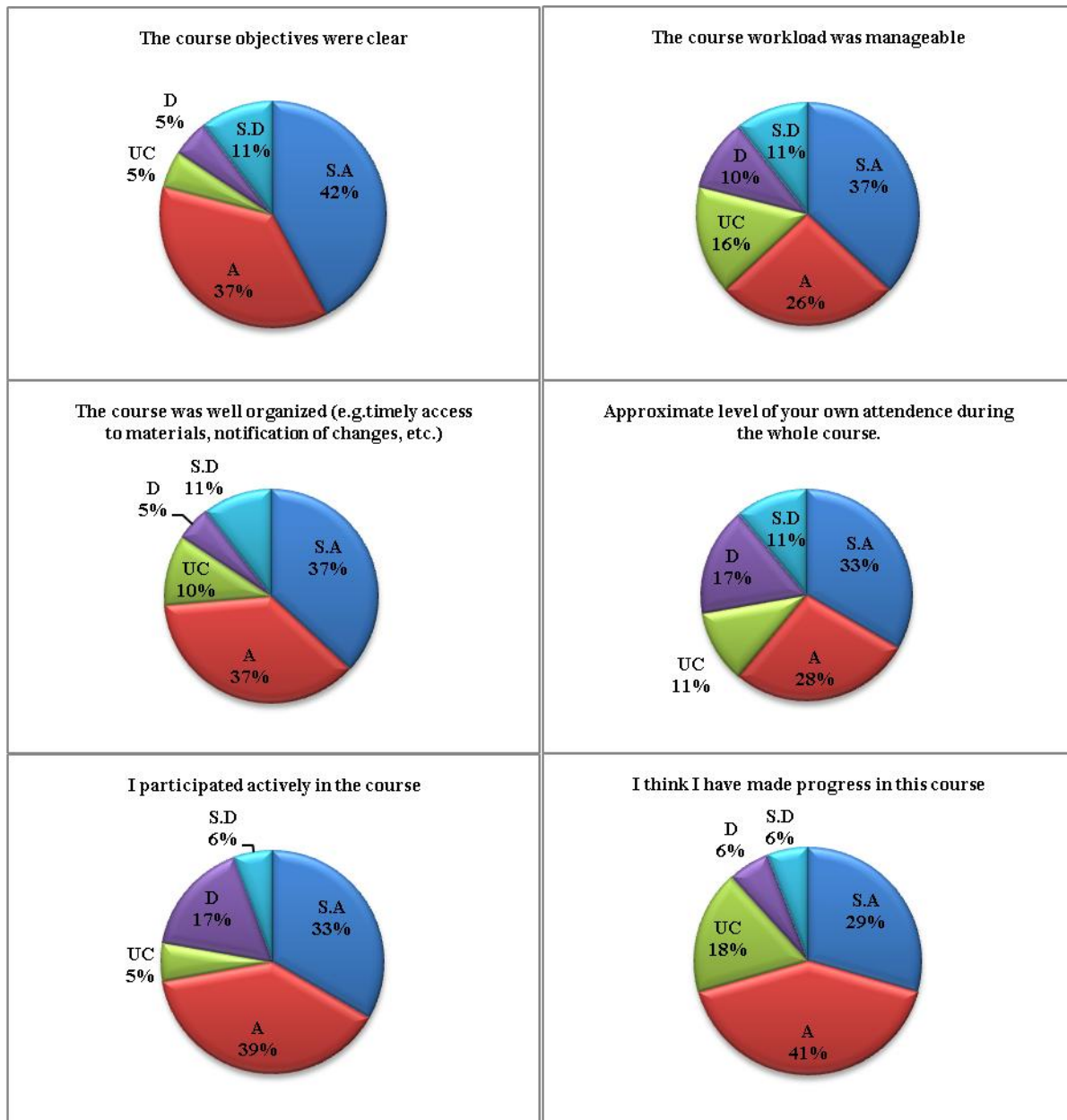
Weakness:

- Objectives should be clear.
- Inadequate library resources for this course
- In time feedback required.

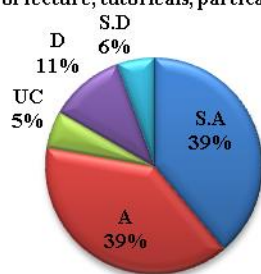
CS-430 (Mr. Shehzad Saqib Malik)

The graph shows the details of the evaluation. The graph “The course objective were clear” indicates that 42% strongly agreed, 37% agreed, 5% are uncertain, 5% disagreed and 11% strongly disagreed. The instructor also provides additional study material apart from the text to students. The graph “The course workload was manageable “ reflects that 37% strongly agreed, 26% agreed, 16% are uncertain, 10% disagreed and 11% strongly disagreed. “The course is well organized” indicates that 37% strongly agreed, 37% agreed, 10% are uncertain, 5%

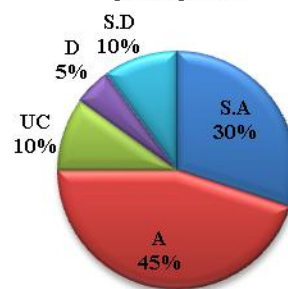
disagreed and 11% strongly disagreed. “The material in the tutorial was useful” indicates that 33% strongly agreed, 39% agreed, 17% are uncertain, 5% disagreed and 6% strongly disagreed. “The feedback on assessment was timely” shows that 28% strongly agreed, 50% agreed, 5% are uncertain, 11% disagreed and 6% strongly disagreed. “ The pace of the course was appropriate “ indicates that 23% strongly agreed, 35% agreed, 25% are uncertain, 10% disagreed and 5% strongly disagreed.” The instructor had made progress in this course “ indicates that 29% strongly agreed, 41% agreed, 18% are uncertain, 6% disagreed and 6% strongly disagreed.



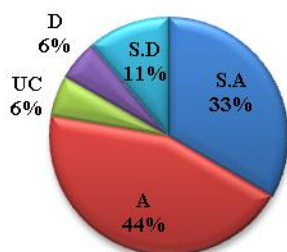
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



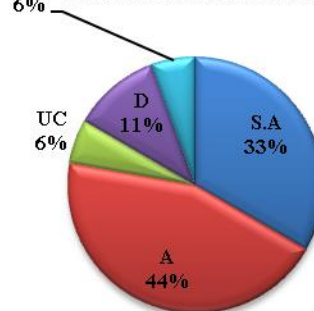
The learning and teaching methods encouraged participation.



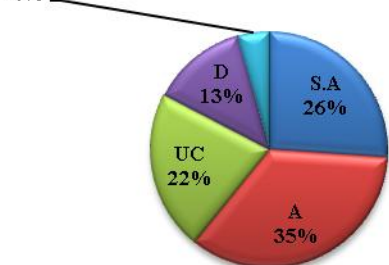
The overall environment in the class was conducive to learning.



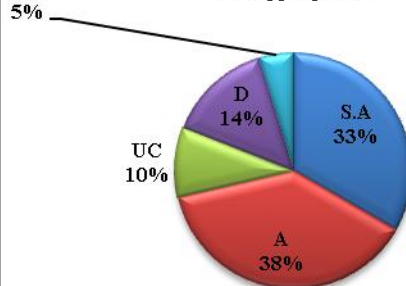
Classrooms were satisfactory



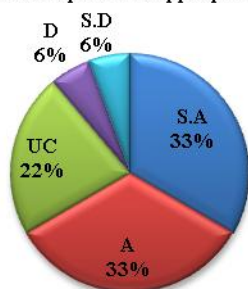
Learning materials (lesson plans, course notes etc.) were relevant and useful.



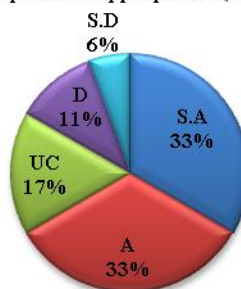
Recommended reading books etc. were relevant and appropriate.

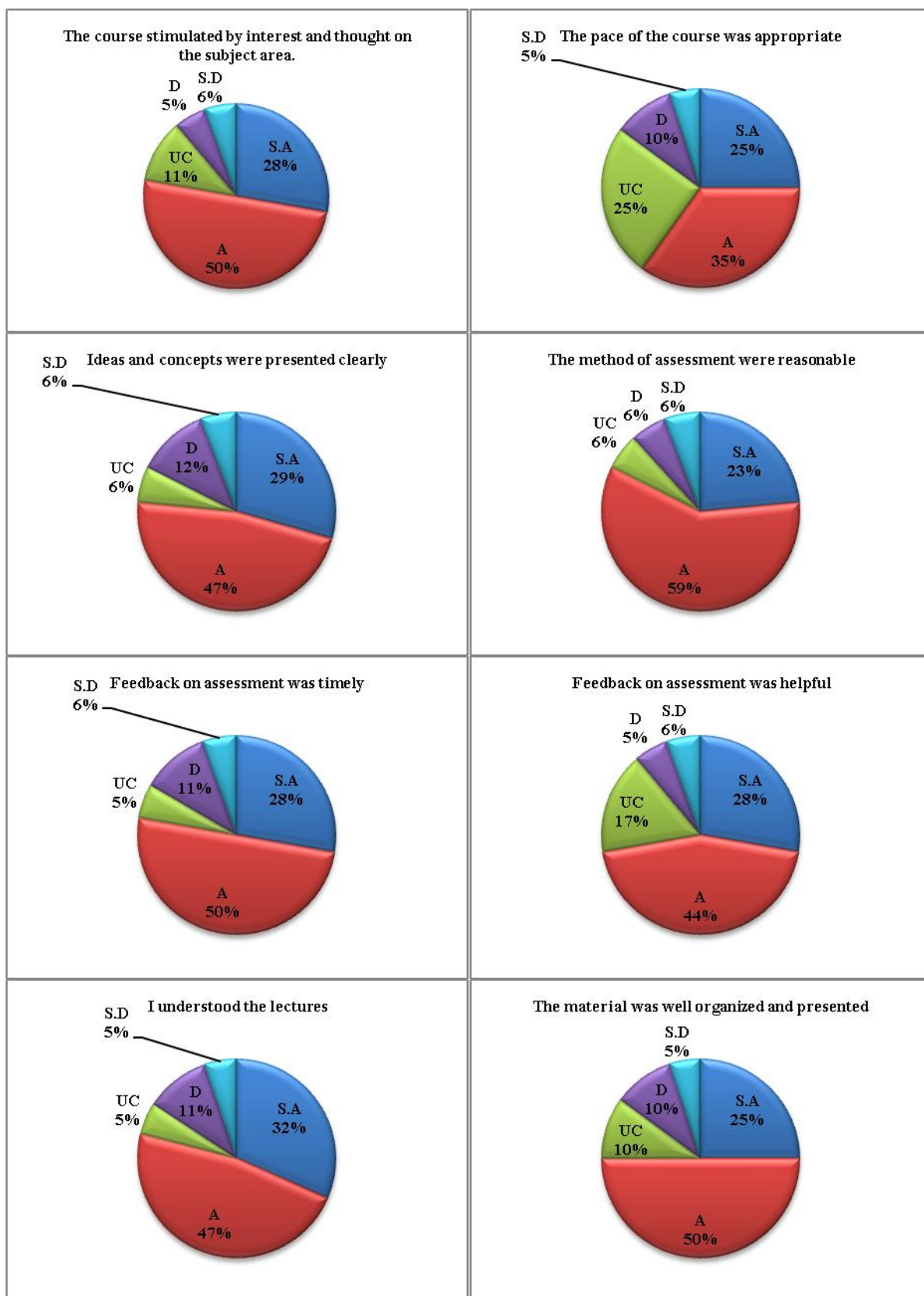


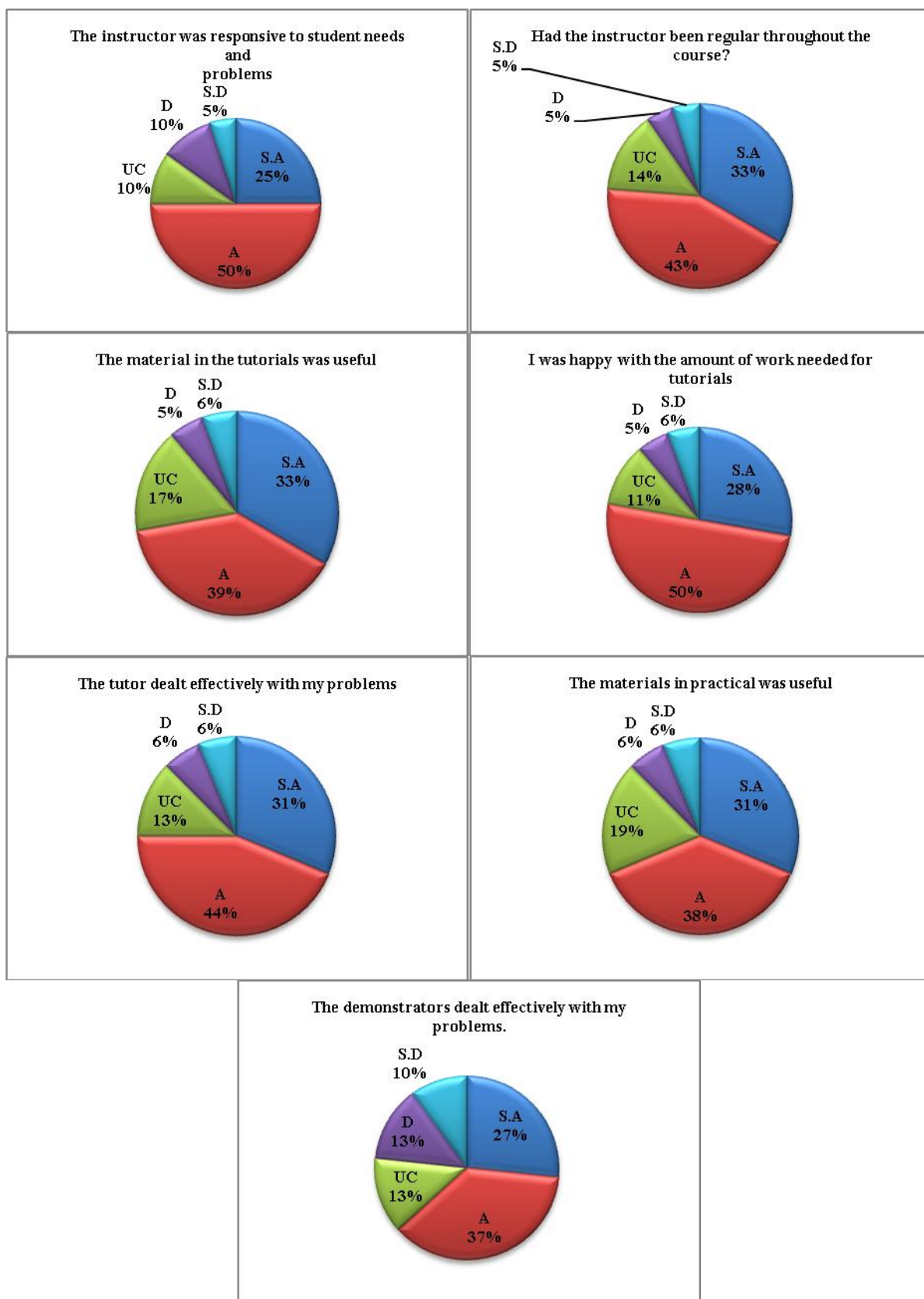
The provision of learning resources in the library was adequate and appropriate.



The provision of learning resources on the web was adequate and appropriate. (if relevant)







General Comments of Students about this course

Strength:

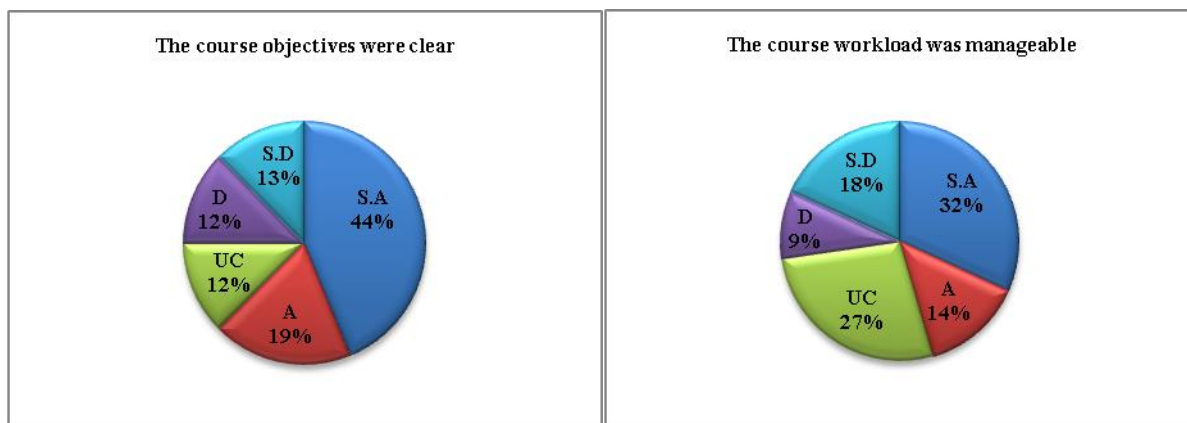
- Reasonable method of assessment
- Material in tutorials was useful
- Learning outcomes achieved

Weakness:

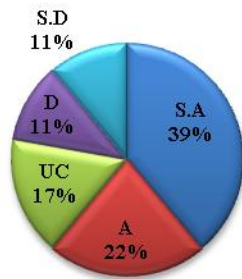
- Briefly explain the problem

CS-430 (Ms. Rubina Ghazal)

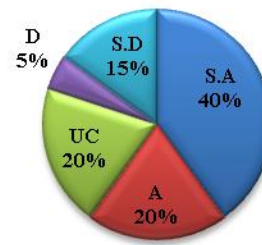
The graph shows the details of the evaluation. The graph “The course objective were clear” indicates that 44% strongly agreed, 19% agreed, 12% are uncertain, 12% disagreed and 13% strongly disagreed. The instructor also provides additional study material apart from the text to students. The graph “The course workload was manageable “ reflects that 32% strongly agreed, 14% agreed, 27% are uncertain, 9% disagreed and 18% strongly disagreed. This can be seen in the graph “The course is well organized” indicates that 39% strongly agreed, 22% agreed, 17% are uncertain, 11% disagreed and 11% strongly disagreed. “The material in the tutorial was useful” indicates that 47% strongly agreed 20% agreed, 13% are uncertain, 13% disagreed and 7% strongly disagreed. “The feedback on assessment was timely indicates that 31% strongly agreed, 38% agreed, 15% are uncertain, 8% disagreed and 8% strongly disagreed. “ The pace of the course was appropriate “indicates that 27% strongly agreed, 46% agreed, 7% are uncertain, 13% disagreed and 7% strongly disagreed. ”The instructor had made progress in this course “indicates that 44% strongly agreed, 19% agreed, 6% are uncertain, 12% disagreed and 19% strongly disagreed.



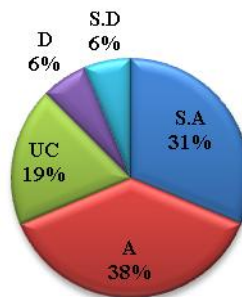
The course was well organized (e.g. timely access to materials, notification of changes, etc.)



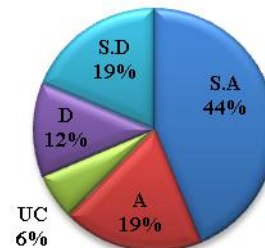
Approximate level of your own attendance during the whole course.



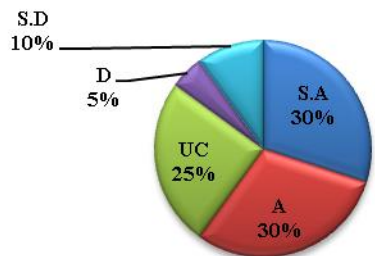
I participated actively in the course



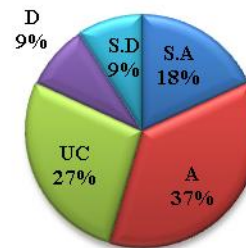
I think I have made progress in this course



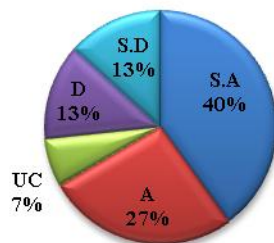
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



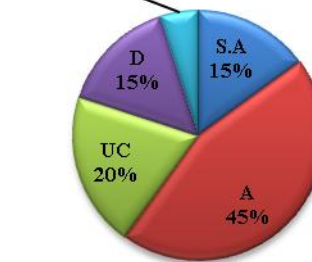
The learning and teaching methods encouraged participation.



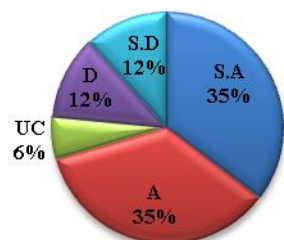
The overall environment in the class was conducive to learning.



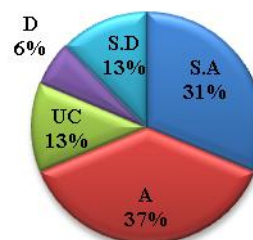
Classrooms were satisfactory



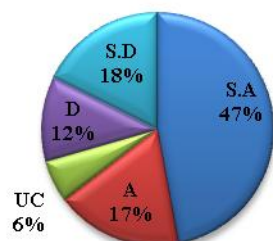
Learning materials (lesson plans, course notes etc.) were relevant and useful.



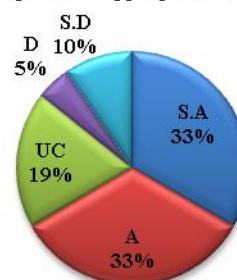
Recommended reading books etc. were relevant and appropriate.



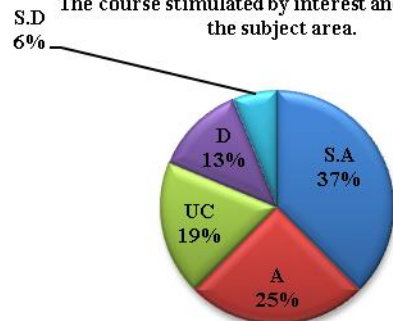
The provision of learning resources in the library was adequate and appropriate.



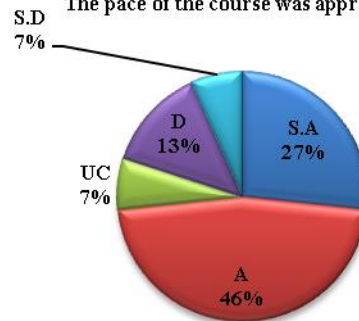
The provision of learning resources on the web was adequate and appropriate. (if relevant)



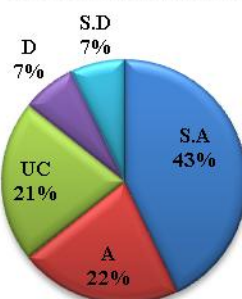
The course stimulated by interest and thought on the subject area.



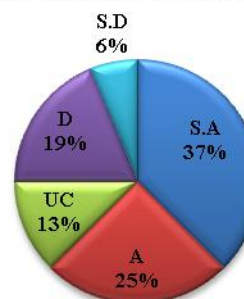
The pace of the course was appropriate

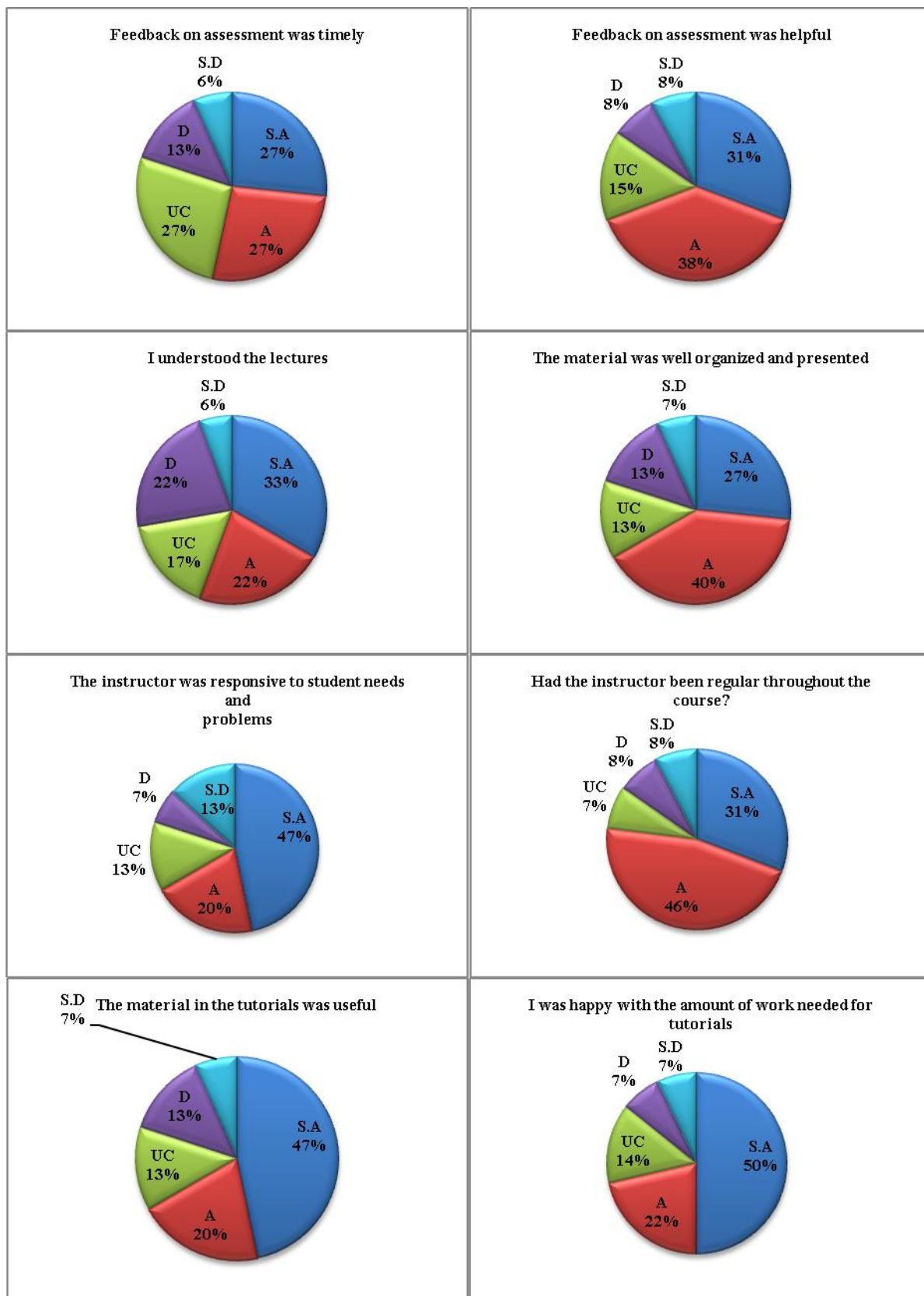


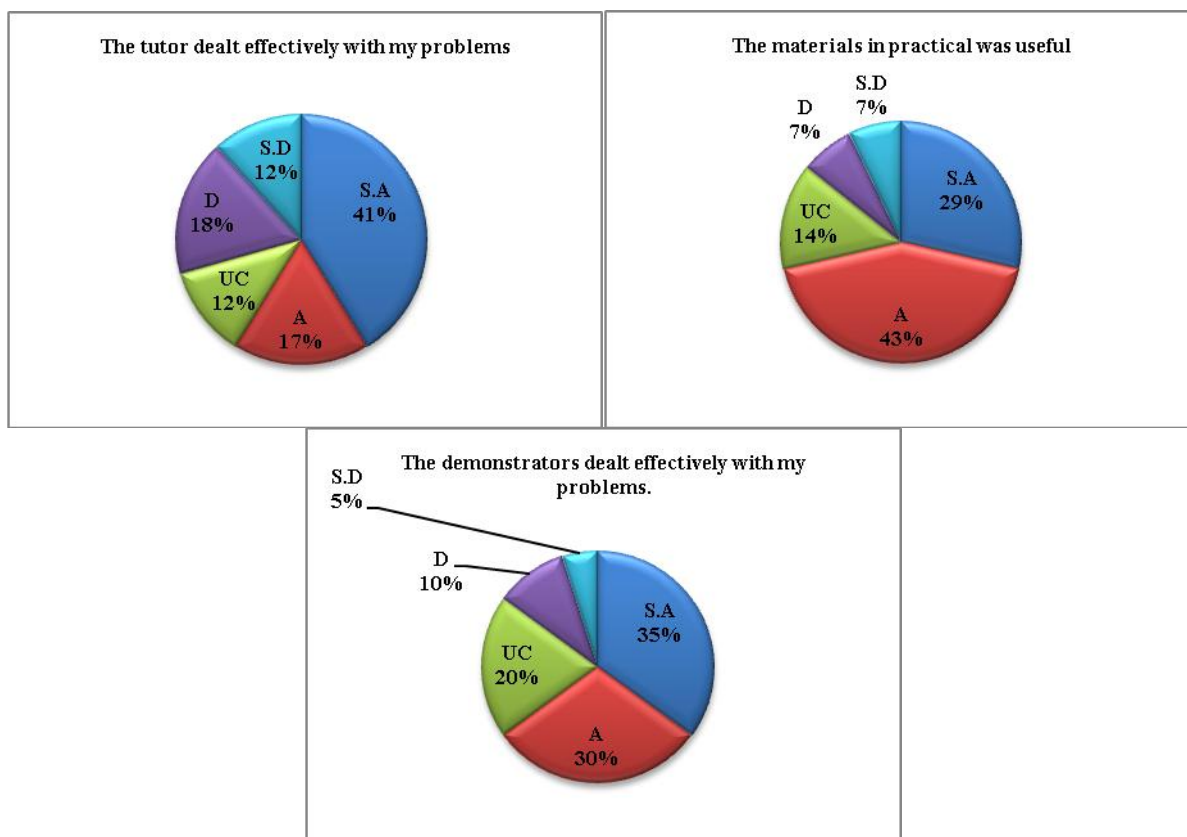
Ideas and concepts were presented clearly



The method of assessment were reasonable







General Comments of Students about this course

Strength:

- The course objectives were clear.
- The contents were well designed.
- Students are satisfied with feedback on assessment

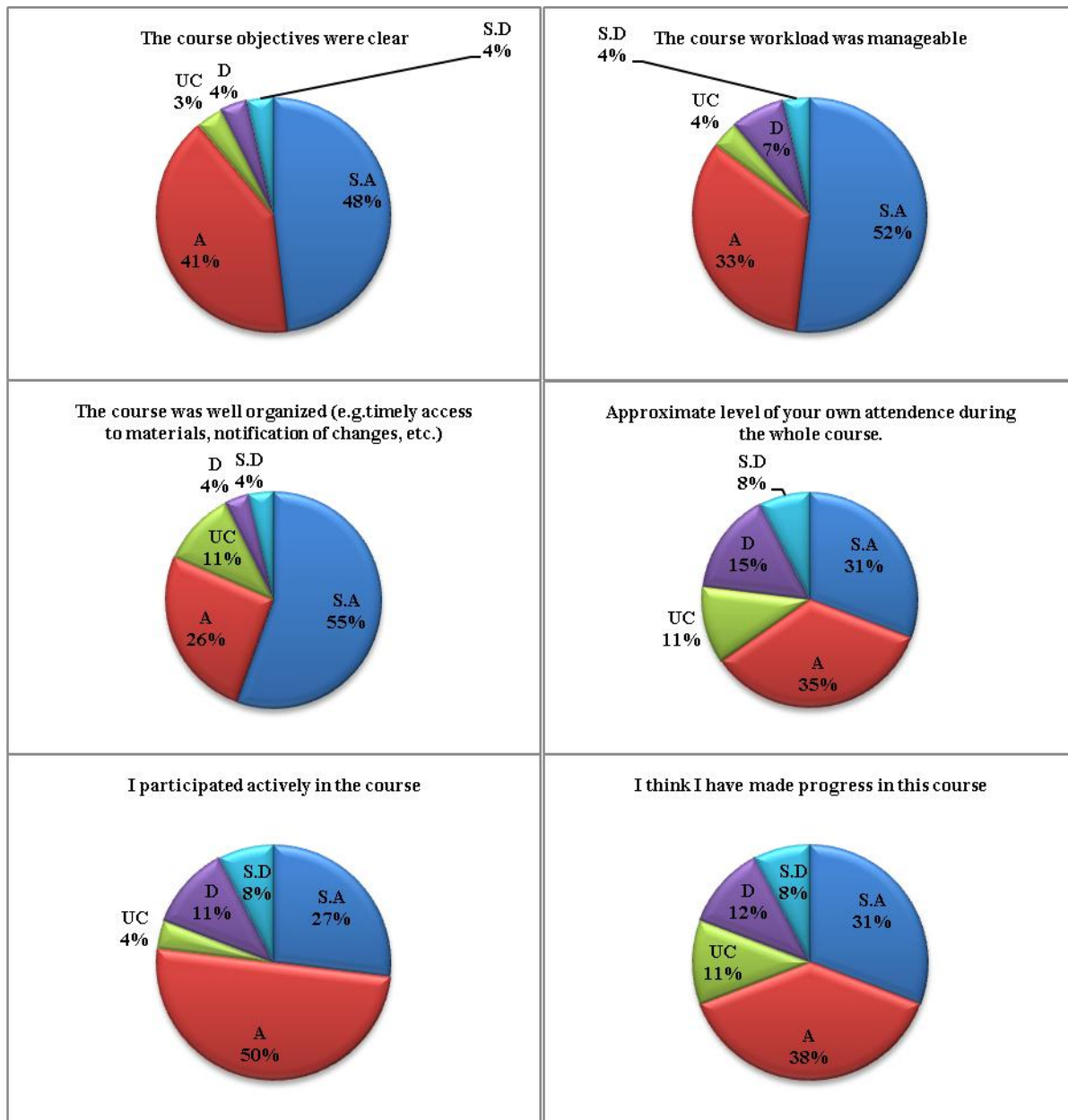
Weakness:

- Inadequate library resources for this course

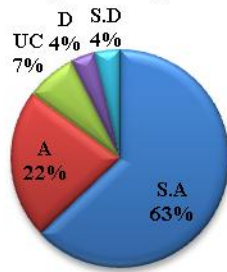
CS-525 (Mr. Sheeraz Akram)

The pie chart shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph “The Course Objectives were clear” indicates that 48% strongly agreed, 41% agreed, 3% are uncertain, 4% disagreed and 4% strongly disagreed. The instructor proved to be very helping. The graph “The instructor was responsive to student needs and problems indicate that 46% strongly agreed, 39% agreed, 7% are uncertain, 4% disagreed and 4% strongly disagreed). The course was very well organized.

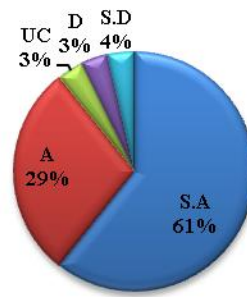
This can be seen in the graph “The course was well organized” indicates that 55% strongly agreed, 26% agreed, 11% are uncertain, 4% disagreed and 4% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable” indicates that 52% strongly agreed, 33% agreed, 4% are uncertain, 7% disagreed and 4% strongly disagreed.



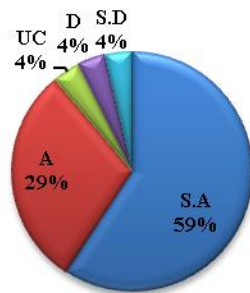
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



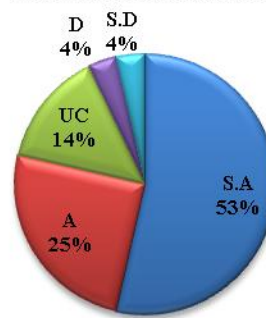
The learning and teaching methods encouraged participation.



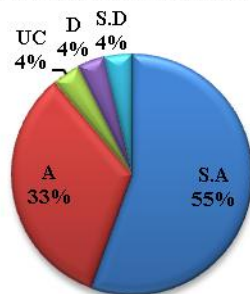
The overall environment in the class was conducive to learning.



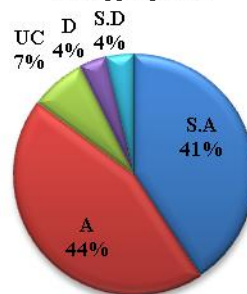
Classrooms were satisfactory



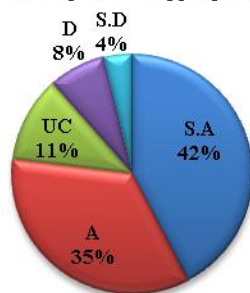
Learning materials (lesson plans, course notes etc.) were relevant and useful.



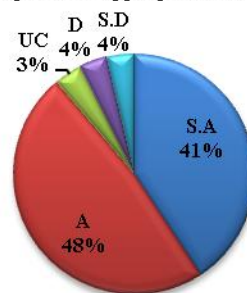
Recommended reading books etc. were relevant and appropriate.



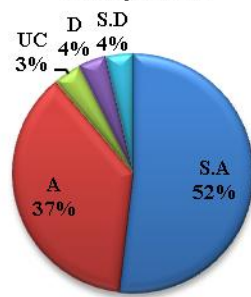
The provision of learning resources in the library was adequate and appropriate.



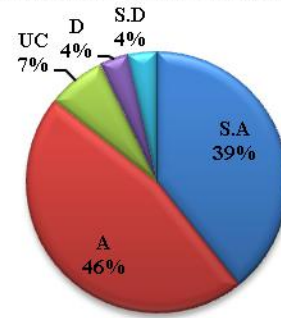
The provision of learning resources on the web was adequate and appropriate. (if relevant)



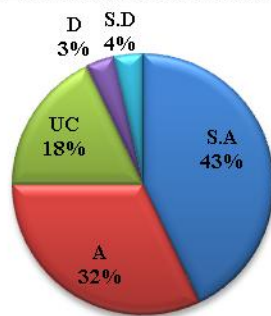
The course stimulated by interest and thought on the subject area.



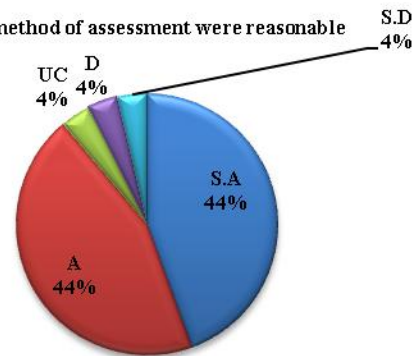
The pace of the course was appropriate



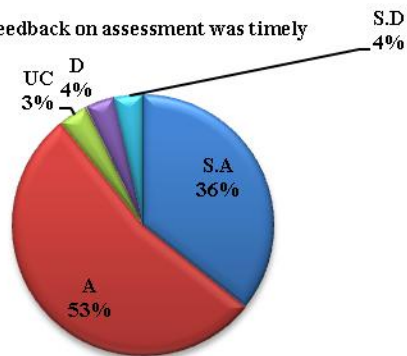
Ideas and concepts were presented clearly



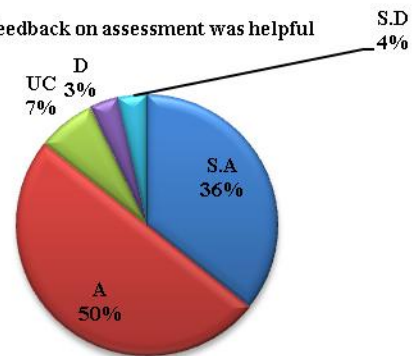
The method of assessment were reasonable



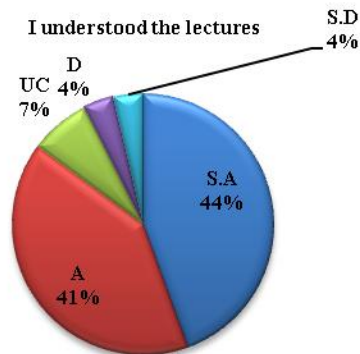
Feedback on assessment was timely



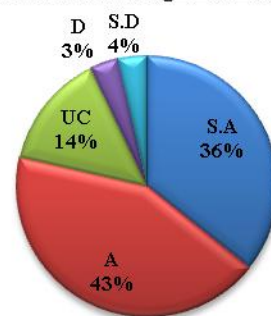
Feedback on assessment was helpful

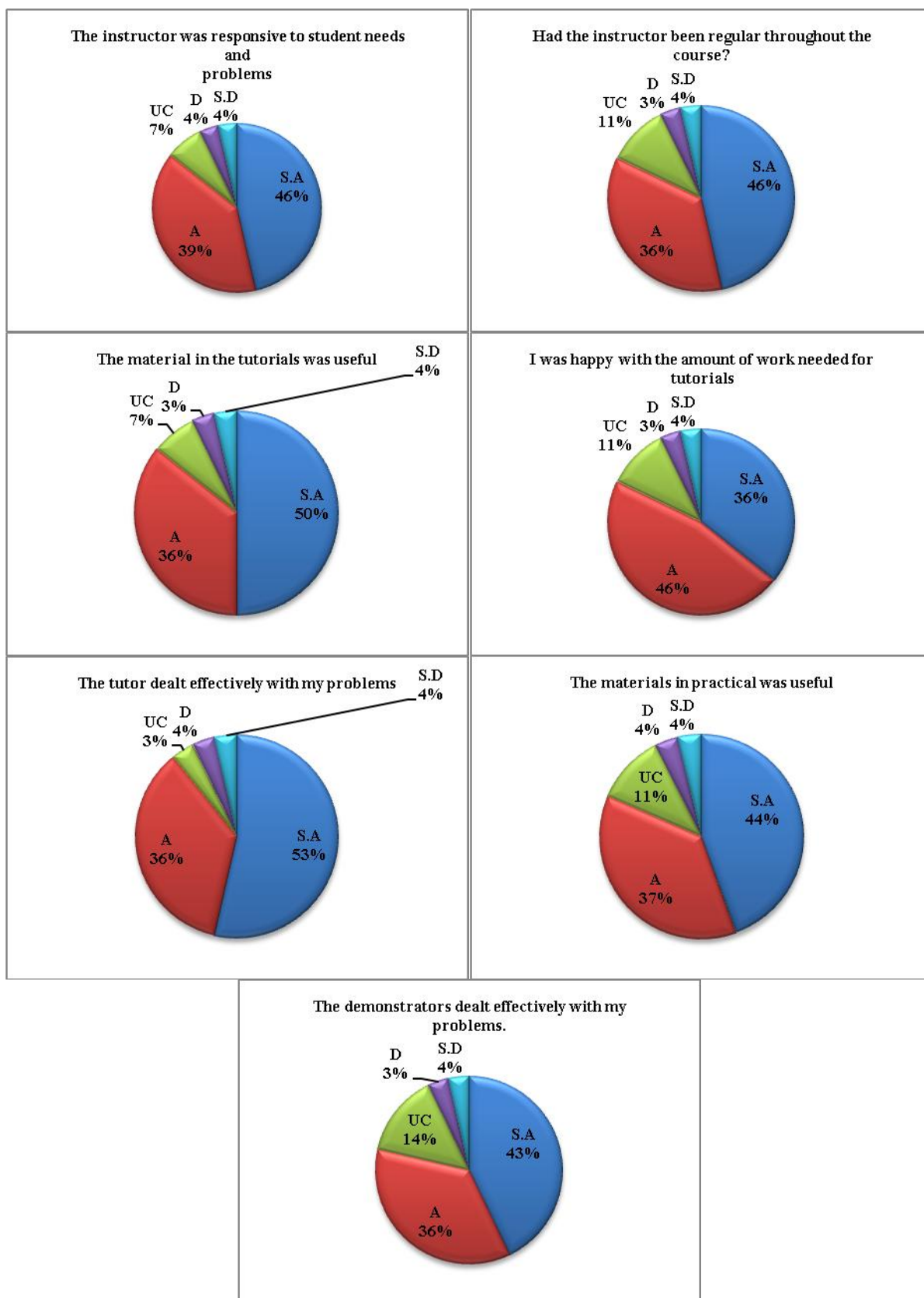


I understood the lectures



The material was well organized and presented





General Comments of Students about this course

Strength:

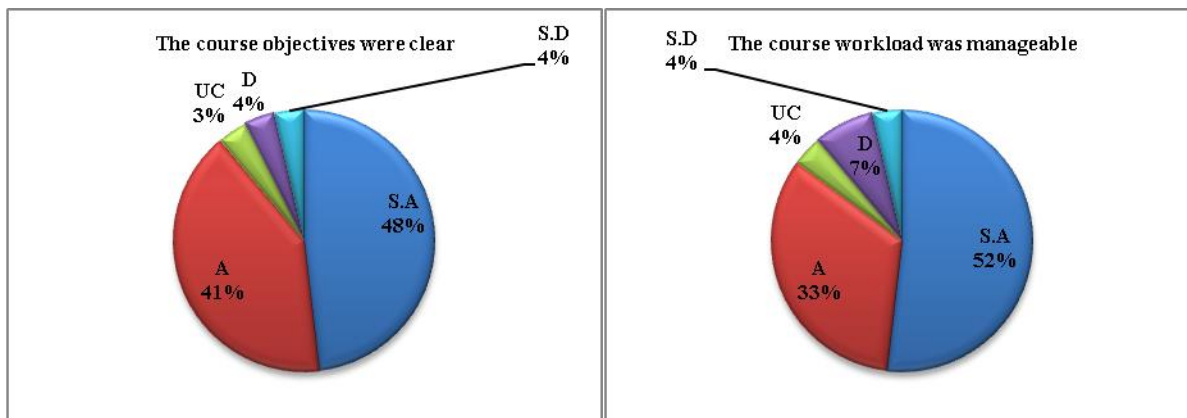
- Always helping
- Clear course objectives
- Reasonable work load
- Well organized course

Weaknesses:

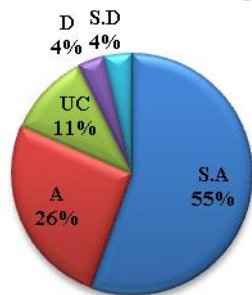
- More time required for the lab.

CS-582 (Mr. Nasir Mehmood Minhas)

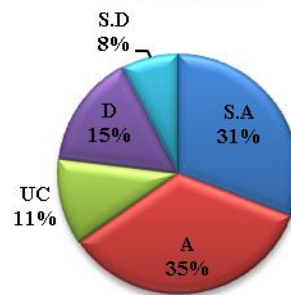
The pie chart shows the details of the evaluation. The course is well managed and organized by the teacher. This can be seen in the graph “The course was well organized” indicates that 55% strongly agreed, 26% agreed, 11% are uncertain, 4% disagreed and 4% strongly disagreed. Teacher’s feedback on the assessments was timely and helpful for the students. This can be seen in the graph “Feedback on assessment was timely” indicates that 36% strongly agreed, 53% agreed, 3% are uncertain, 4% disagreed and 4% strongly disagreed and “Feedback on assessment was helpful” indicates that 36% strongly agreed, 50% agreed, 7% are uncertain, 3% disagreed and 4% strongly disagreed. The course objectives were clear and course proceeded according to the way of achieving this. The graph “The Course Objectives were clear” indicates that 48% strongly agreed, 41% agreed, 3% are uncertain, 4% disagreed and 4% strongly disagreed. The instructor recommended relevant and appropriate reading material for this course. The graph “Recommended reading materials were relevant and appropriate” reflects that 41% strongly agreed, 44% agreed, 7% are uncertain, 4% disagreed and 4% strongly disagreed.



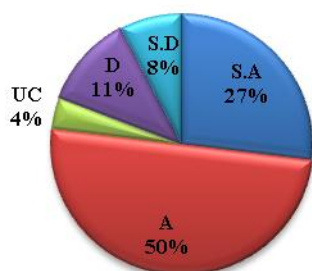
The course was well organized (e.g.timely access to materials, notification of changes, etc.)



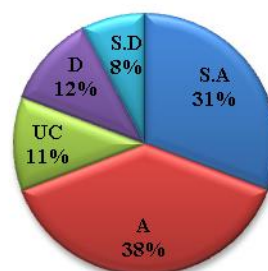
Approximate level of your own attendance during the whole course.



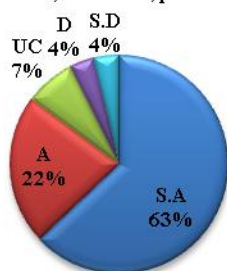
I participated actively in the course



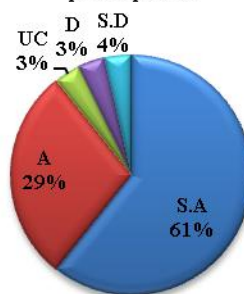
I think I have made progress in this course



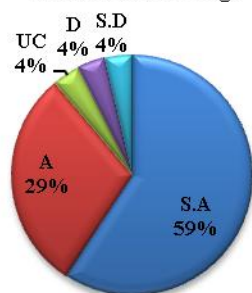
I think the course was well constructed to achieve the learning ourcomes (there was a good balance of lecture, tutorieals, partical etc.)



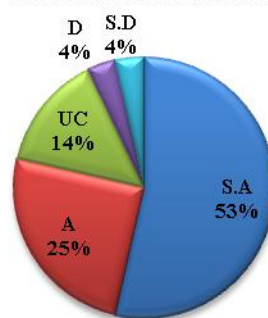
The learning and teaching methods encouraged participation.

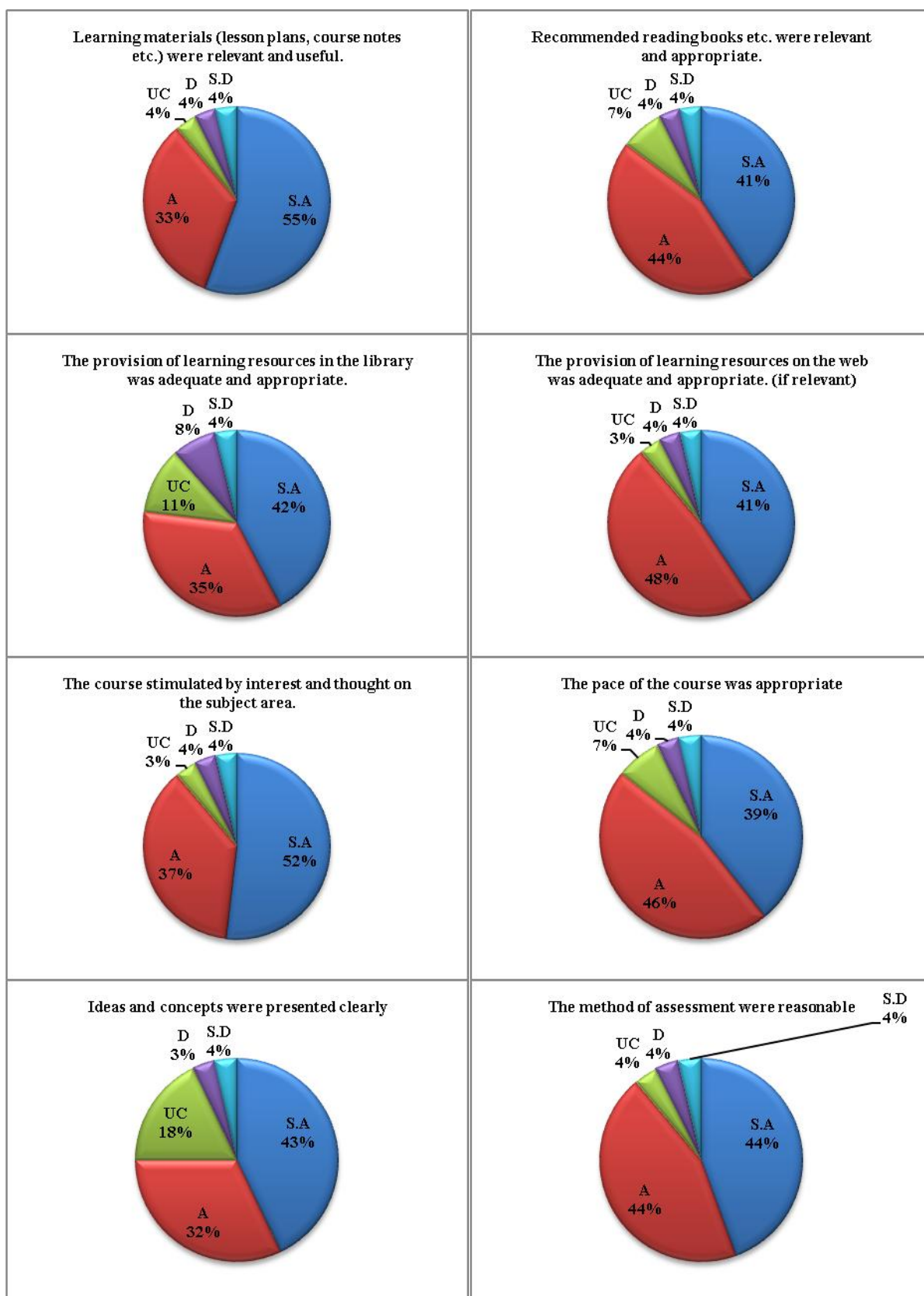


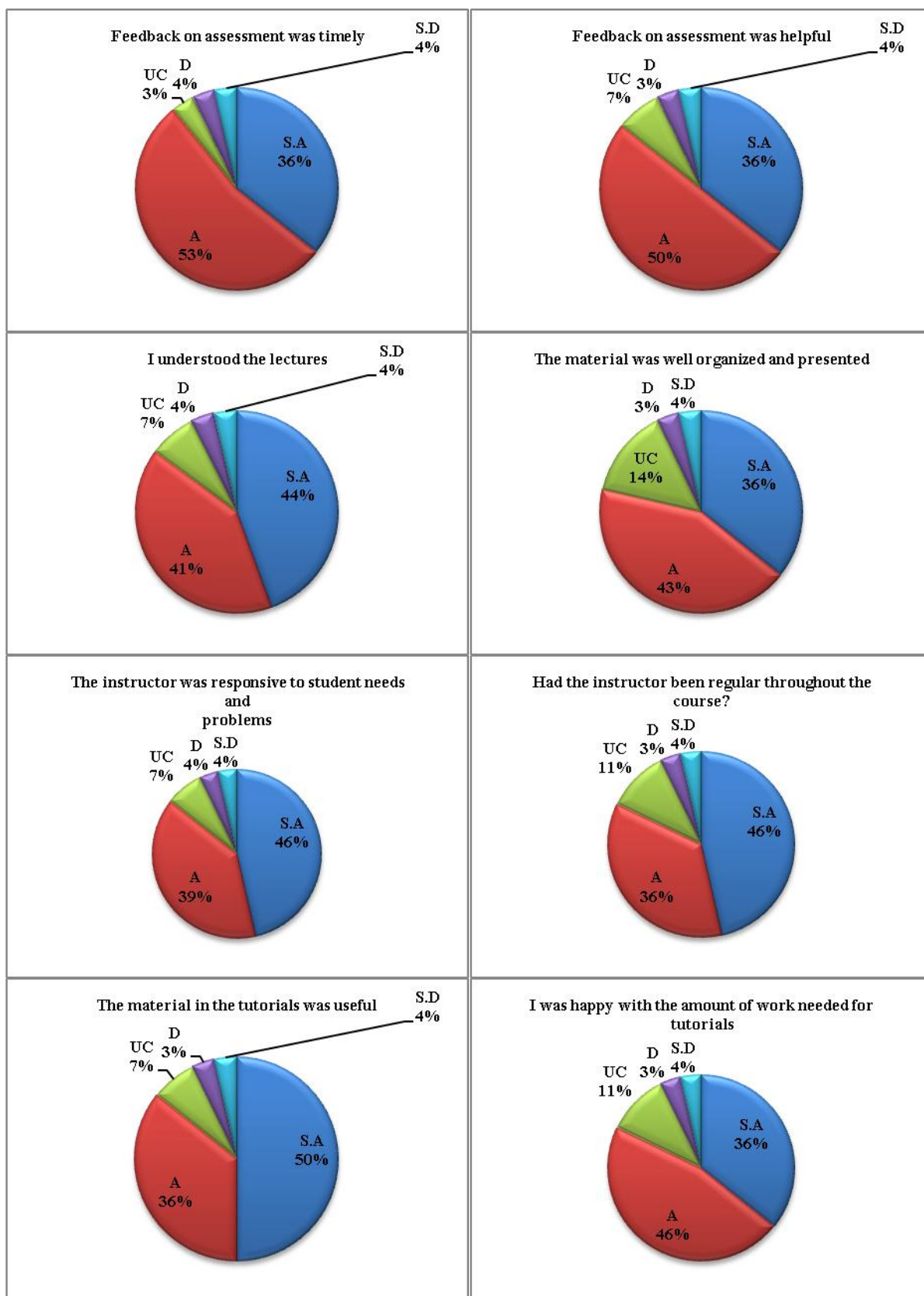
The overall environment in the class was conducive to learning.

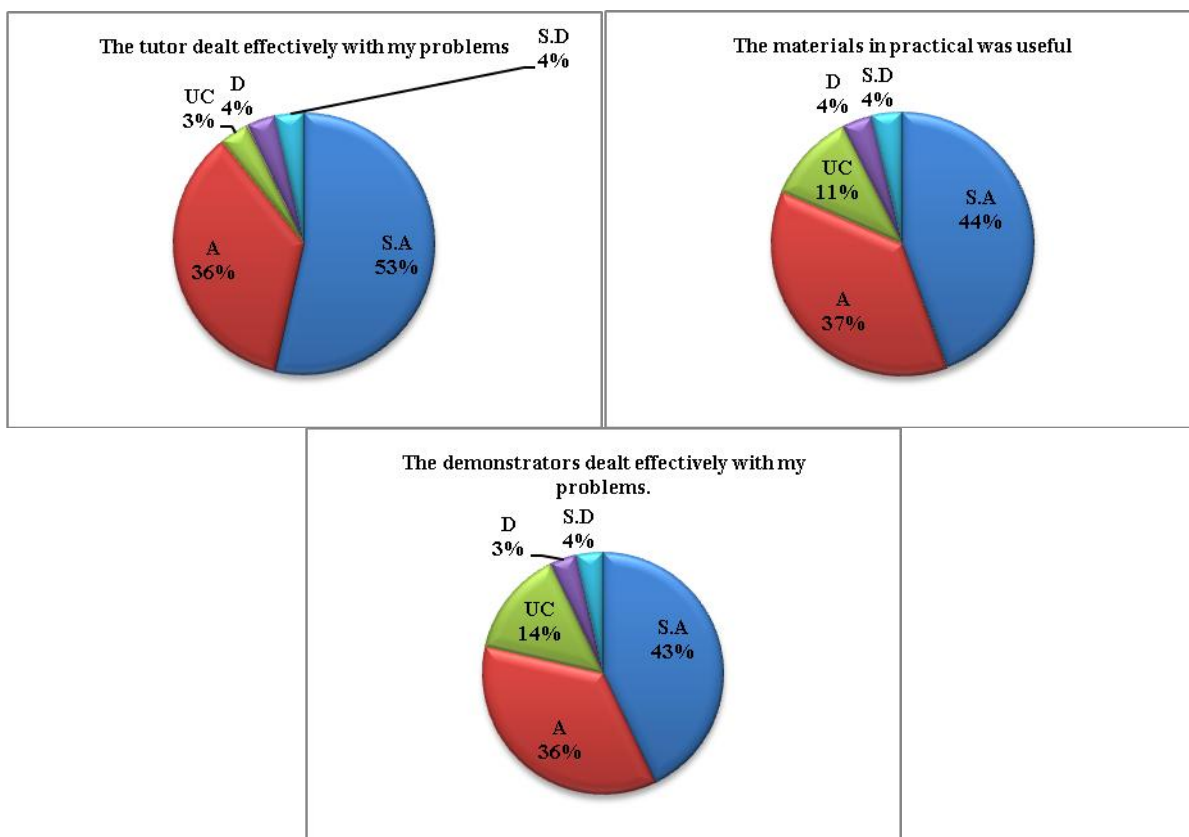


Classrooms were satisfactory









General Comments of Students about this course

Strength:

- Timely and helpful feedback on assessment
- Clear course objectives
- Well organized course
- Good recommended study material

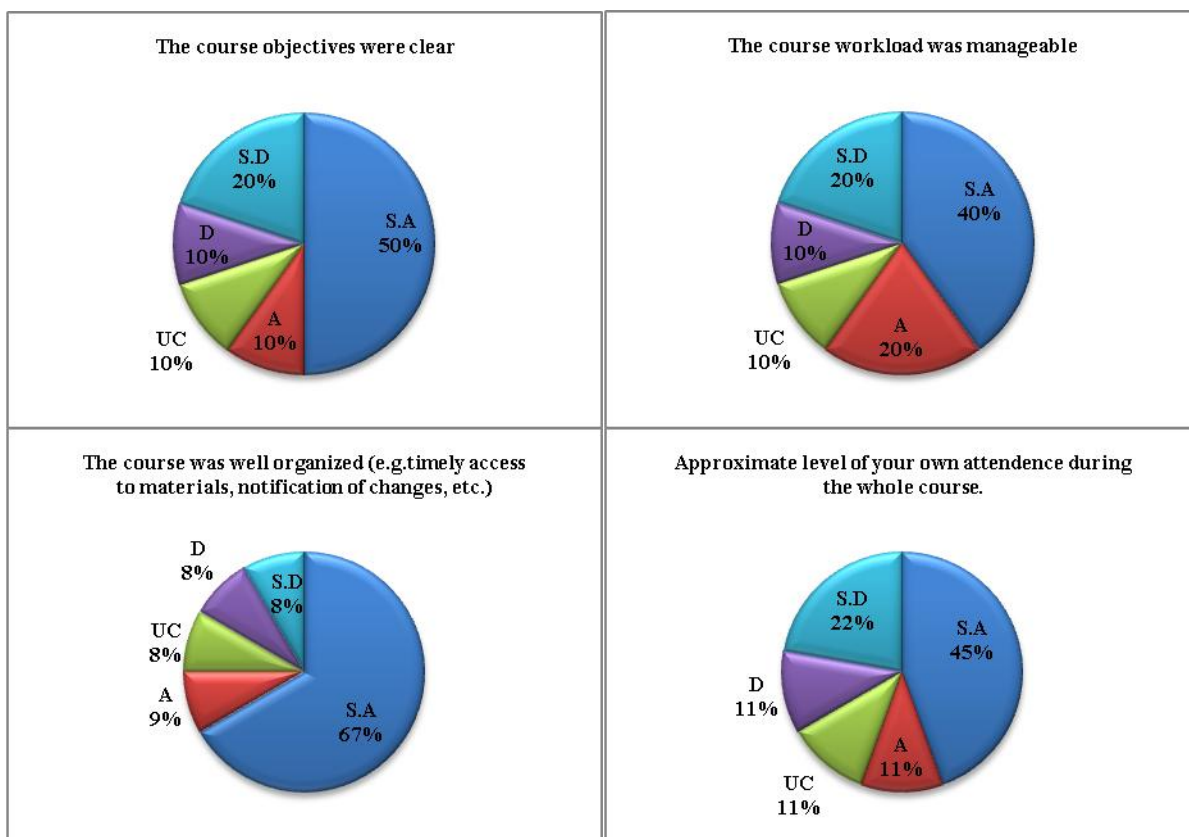
Weaknesses:

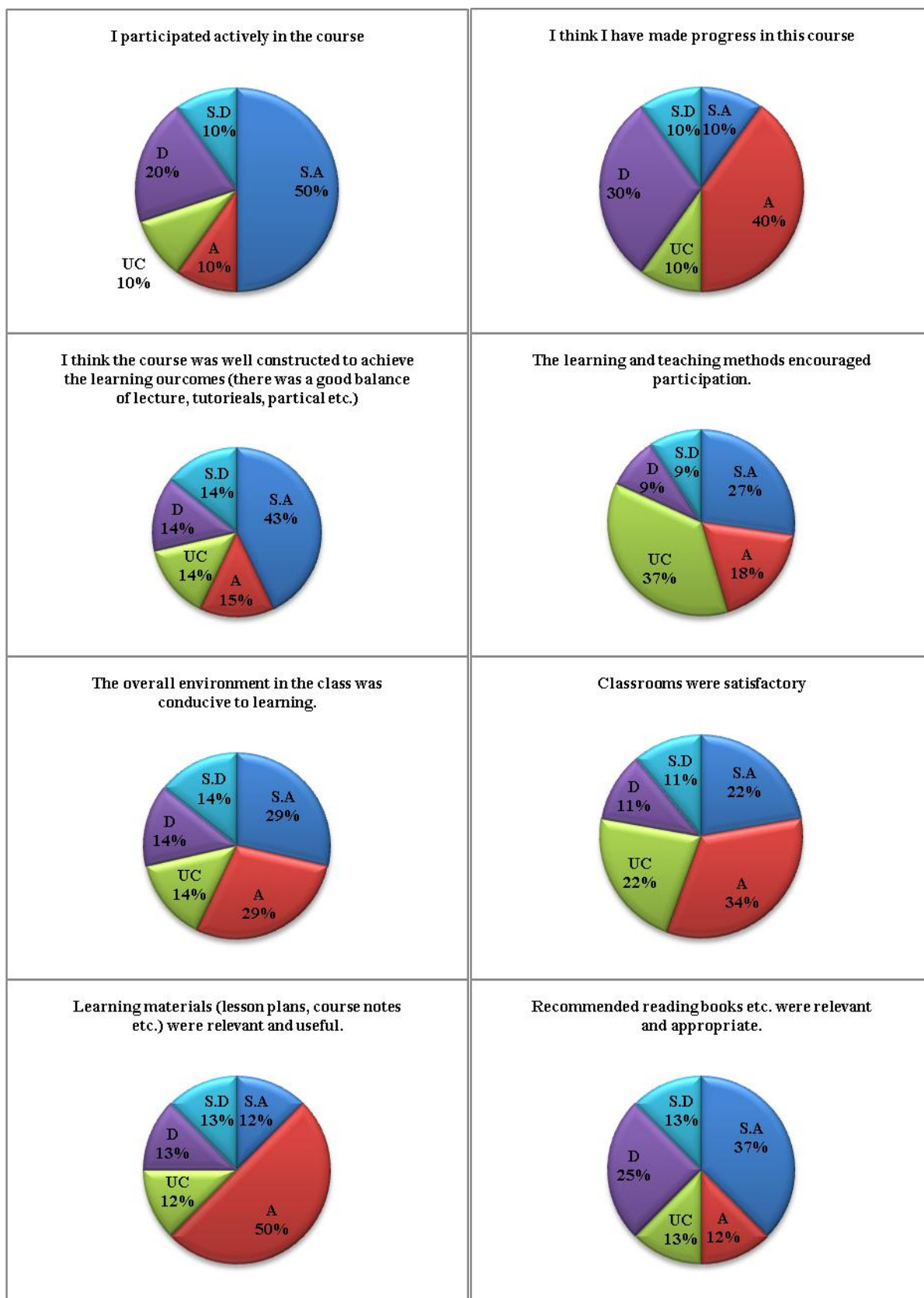
- There should be more use of the white board.

CS-552 (Mr. Nasir Mehmood Minhas)

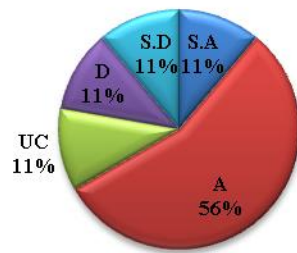
The pie chart shows the details of the evaluation. There were enough library resources for the students related course. This can be seen in the graph “The provision of learning resources in the library was adequate and appropriate”, 11% strongly agreed, 56% agreed, 11% are uncertain,

11% disagreed and 11% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph “I think the course was well constructed to achieve learning outcomes there was a good balance of lecture, tutorials, practical etc., 43% strongly agreed, 15% agreed, 14% are uncertain, 14% disagreed and 14% strongly disagreed. Students actively participated in the course. The graph “I participated actively in the course” indicates this, 50% strongly agreed, 10% agreed, 10% are uncertain, 20% disagreed and 10% strongly disagreed. The instructor maintained a good clarity of presenting ideas and concepts throughout the course. The graph “Ideas and concepts was presented clearly” reflects that, 50% strongly agreed, 12% agreed, 12% are uncertain, 13% disagreed and 13% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show that, 40% strongly agreed, 20% agreed, 10% are uncertain, 10% disagreed and 20% strongly disagreed.

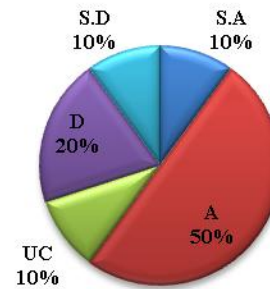




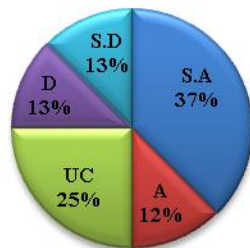
The provision of learning resources in the library was adequate and appropriate.



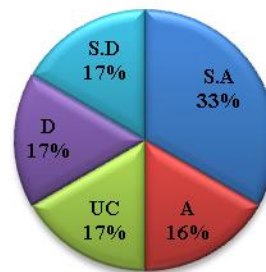
The provision of learning resources on the web was adequate and appropriate. (if relevant)



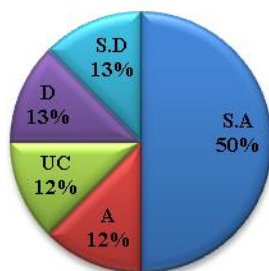
The course stimulated by interest and thought on the subject area.



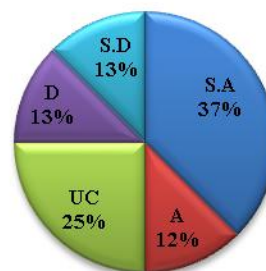
The pace of the course was appropriate



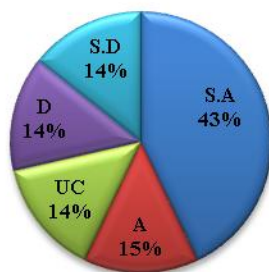
Ideas and concepts were presented clearly



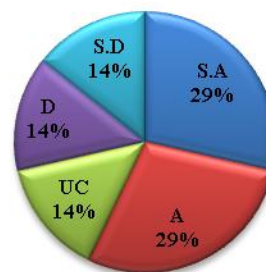
The method of assessment were reasonable



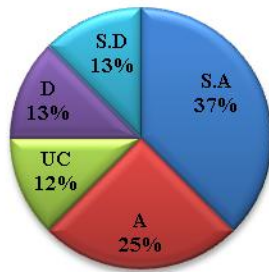
Feedback on assessment was timely



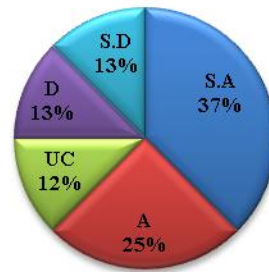
Feedback on assessment was helpful



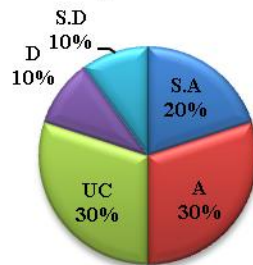
I understood the lectures



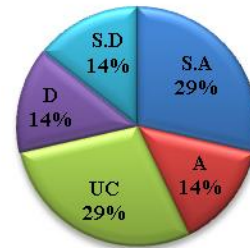
The material was well organized and presented



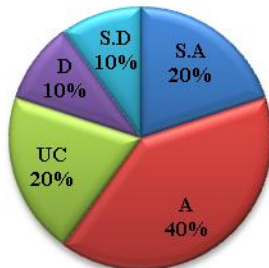
The instructor was responsive to student needs and problems



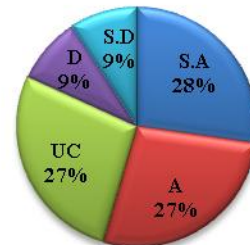
Had the instructor been regular throughout the course?



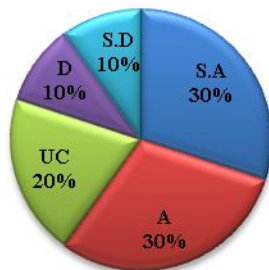
The material in the tutorials was useful



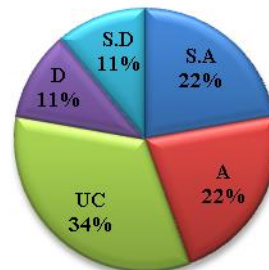
I was happy with the amount of work needed for tutorials

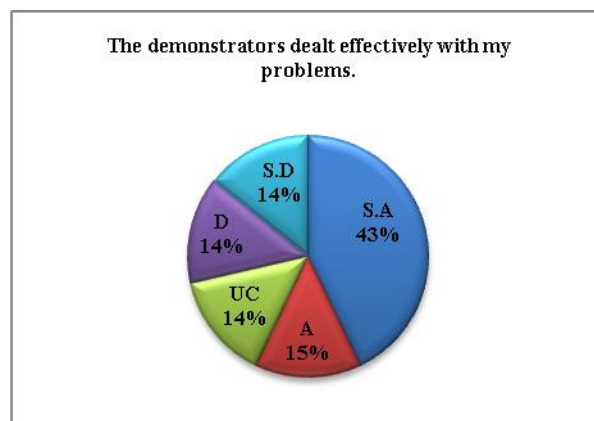


The tutor dealt effectively with my problems



The materials in practical was useful





General Comments of Students about this course

Strength:

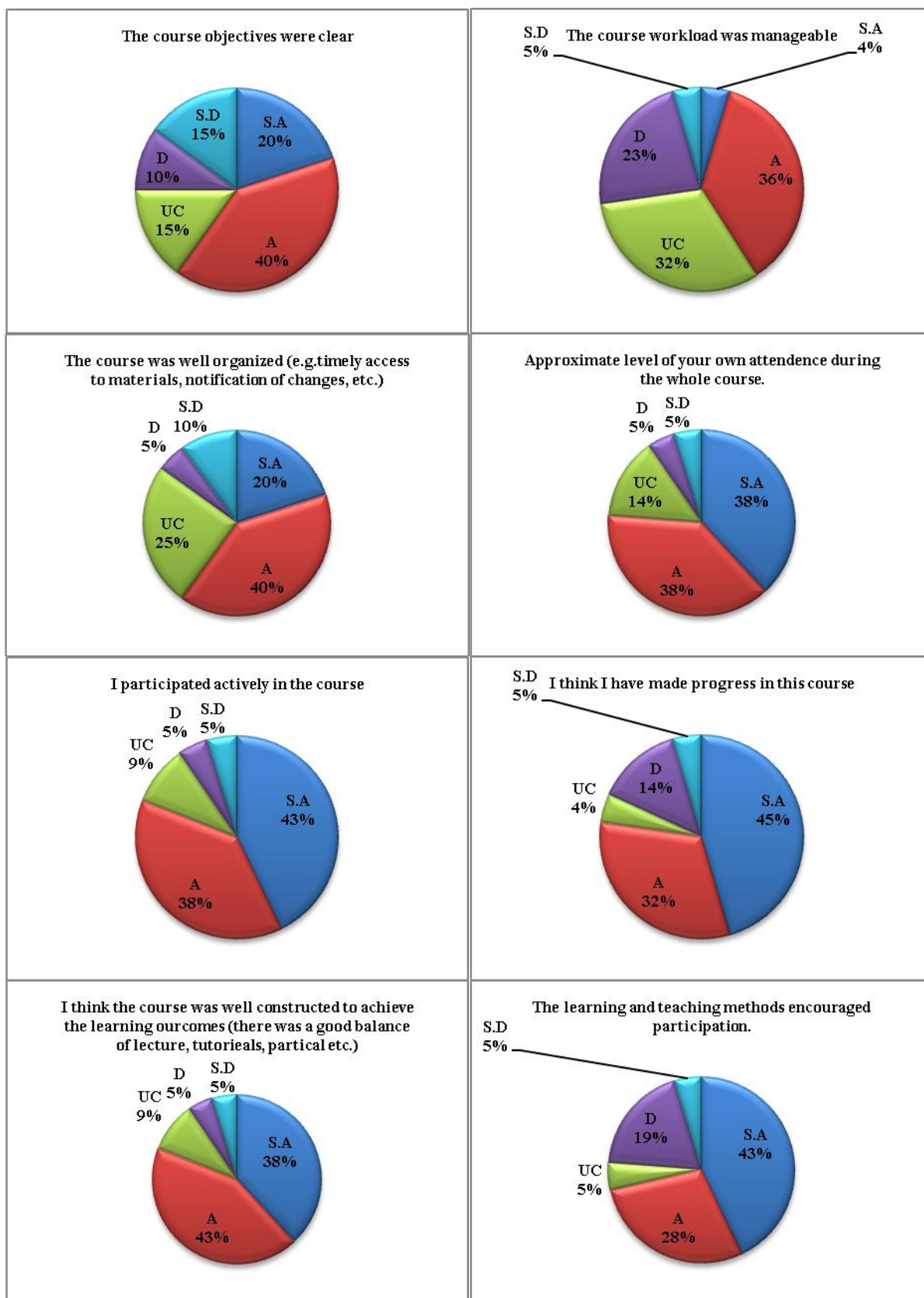
- Well managed course
- Speed was ok

Weaknesses:

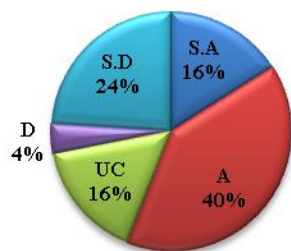
- Reference material required.

CS-600 (Mr. Nasir Mehmood Minhas)

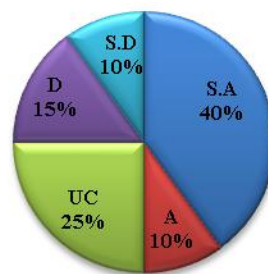
The pie chart shows the details of the evaluation. The graph ‘‘I think I have made good progress in this course’’ shows that students performed well in this course, 45% strongly agreed, 32% agreed, 4% are uncertain, 14% disagreed and 5% strongly disagreed. The teacher always provided timely feedback on assessments as shown in the graph ‘‘Feedback on assessment was timely’’, 35% strongly agreed, 40% agreed, 10% are uncertain, 5% disagreed and 10% strongly disagreed. The pace of the course was excellent as shown in the graph ‘‘The pace of the course was appropriate’’, 45% strongly agreed, 36% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. Students actively participated in the course. The graph ‘‘I participated actively in the course’’ indicates this, 43% strongly agreed, 38% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph ‘‘I think the course was well constructed to achieve learning outcomes (there was a good balance of lecture, tutorials, practical etc.)’’, 20% strongly agreed, 40% agreed, 25% are uncertain, 5% disagreed and 10% strongly disagreed.



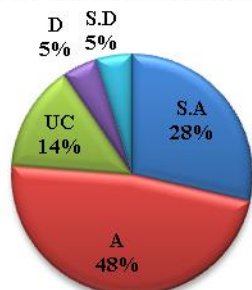
The overall environment in the class was conducive to learning.



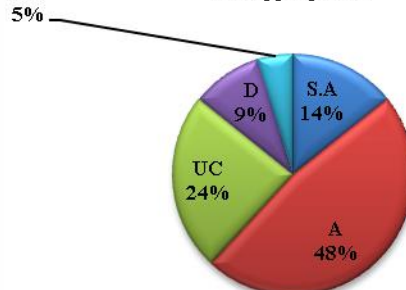
Classrooms were satisfactory



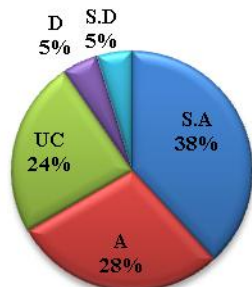
Learning materials (lesson plans, course notes etc.) were relevant and useful.



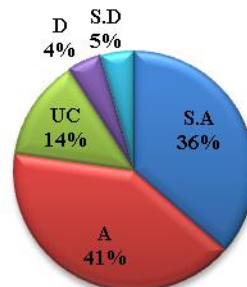
Recommended reading books etc. were relevant and appropriate.



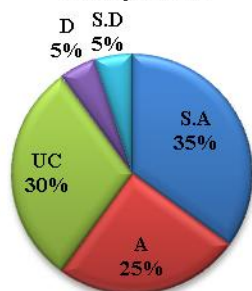
The provision of learning resources in the library was adequate and appropriate.



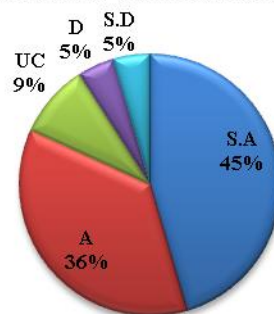
The provision of learning resources on the web was adequate and appropriate. (if relevant)



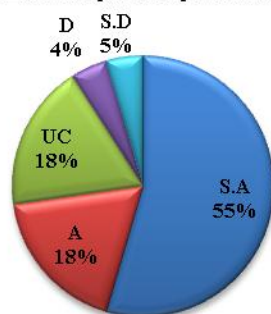
The course stimulated by interest and thought on the subject area.



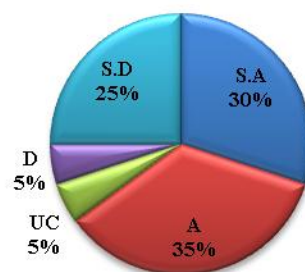
The pace of the course was appropriate



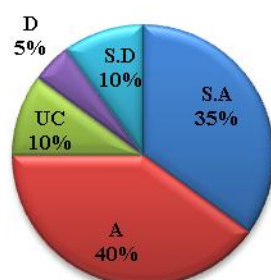
Ideas and concepts were presented clearly



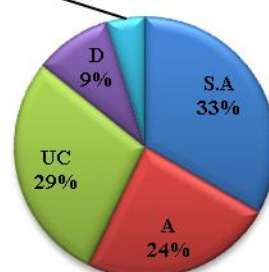
The method of assessment were reasonable



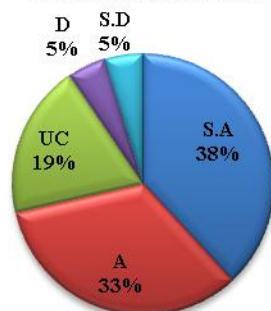
Feedback on assessment was timely



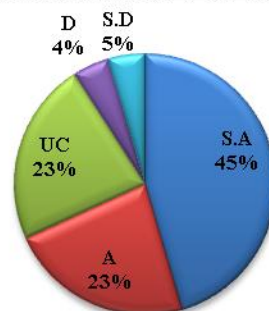
Feedback on assessment was helpful



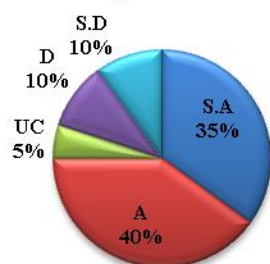
I understood the lectures



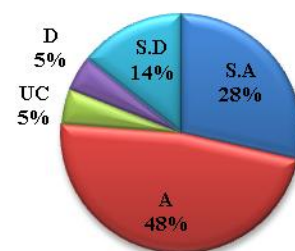
The material was well organized and presented

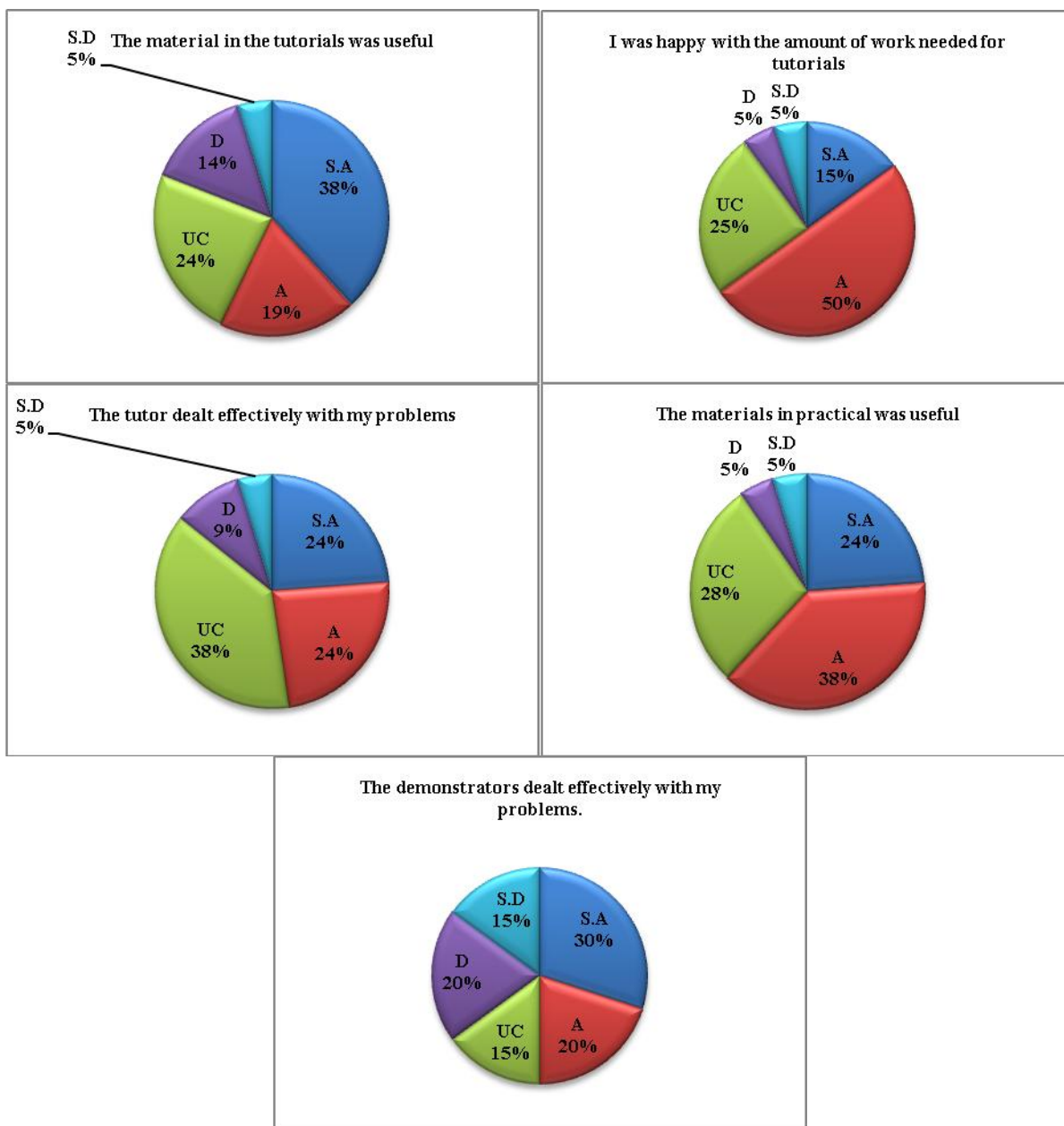


The instructor was responsive to student needs and problems



Had the instructor been regular throughout the course?





General Comments of Students about this course

Strength:

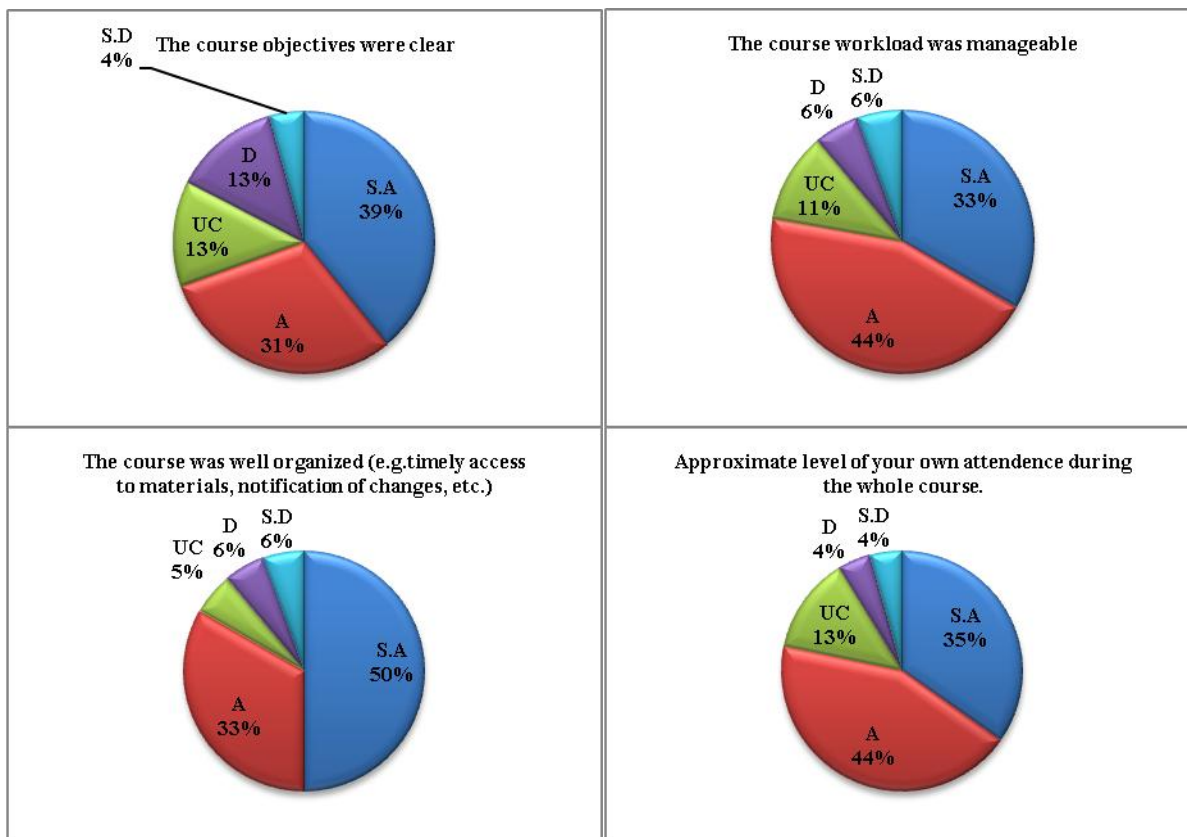
- Explain concept in good way.
- Always available in the office.

Weaknesses:

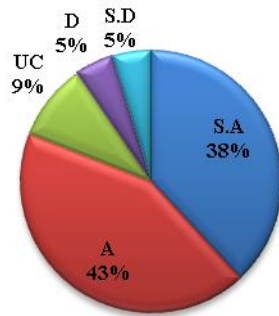
- Should explain the problem more.
- Timely feedback required.

CS-552 (Dr. Muhammad Ramzan)

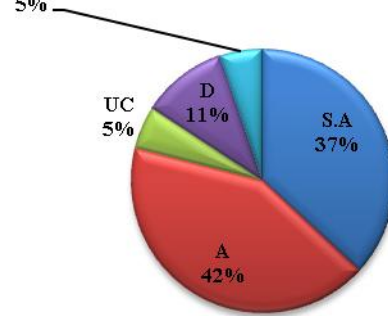
The pie chart shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph “The Course Objectives were clear” indicates this, 39% strongly agreed, 31% agreed, 13% are uncertain, 13% disagreed and 4% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 33% strongly agreed, 44% agreed, 11% are uncertain, 6% disagreed and 6% strongly disagreed. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 44% strongly agreed, 39% agreed, 5% are uncertain, 6% disagreed and 6% strongly disagreed. The course was very well organized. This can be seen in the graph “The course was well organized” , 50% strongly agreed, 33% agreed, 5% are uncertain, 6% disagreed and 6% strongly disagreed.



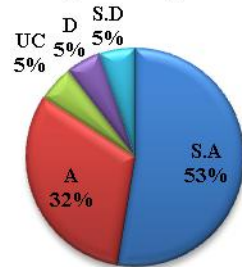
I participated actively in the course



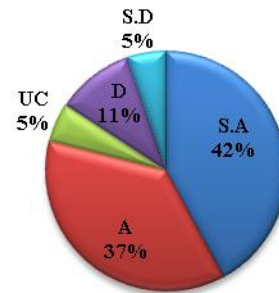
I think I have made progress in this course



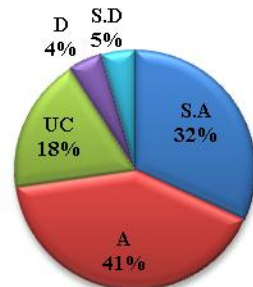
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



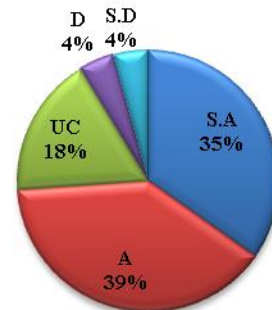
The learning and teaching methods encouraged participation.



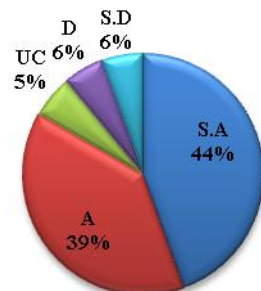
The overall environment in the class was conducive to learning.



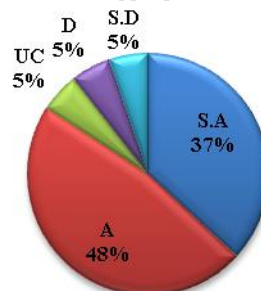
Classrooms were satisfactory



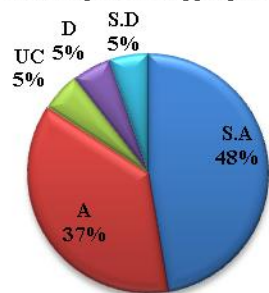
Learning materials (lesson plans, course notes etc.) were relevant and useful.



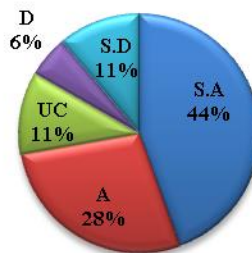
Recommended reading books etc. were relevant and appropriate.



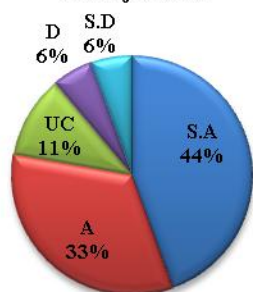
The provision of learning resources in the library was adequate and appropriate.



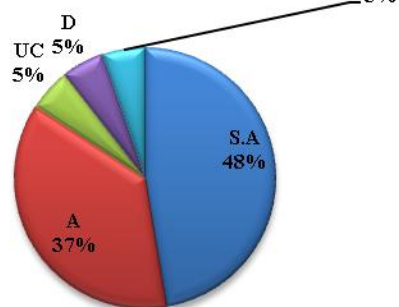
The provision of learning resources on the web was adequate and appropriate. (if relevant)



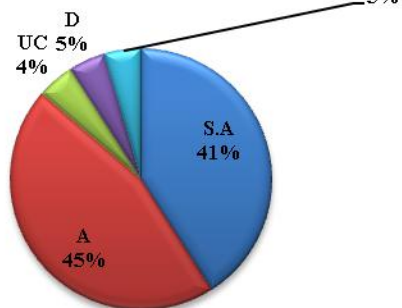
The course stimulated by interest and thought on the subject area.



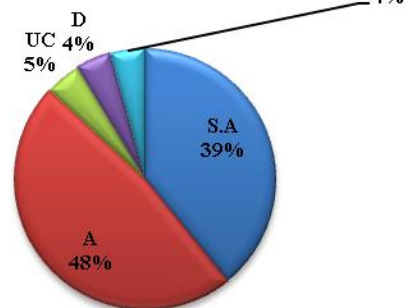
The pace of the course was appropriate



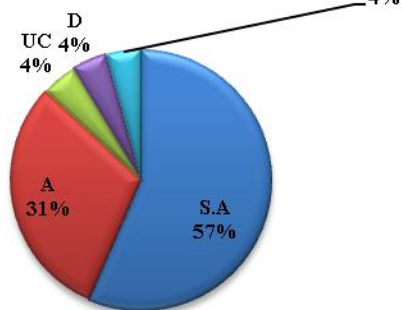
Ideas and concepts were presented clearly



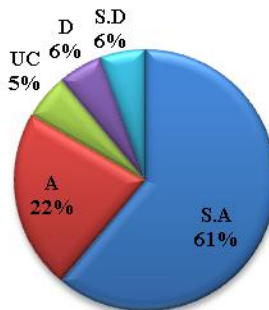
The method of assessment were reasonable

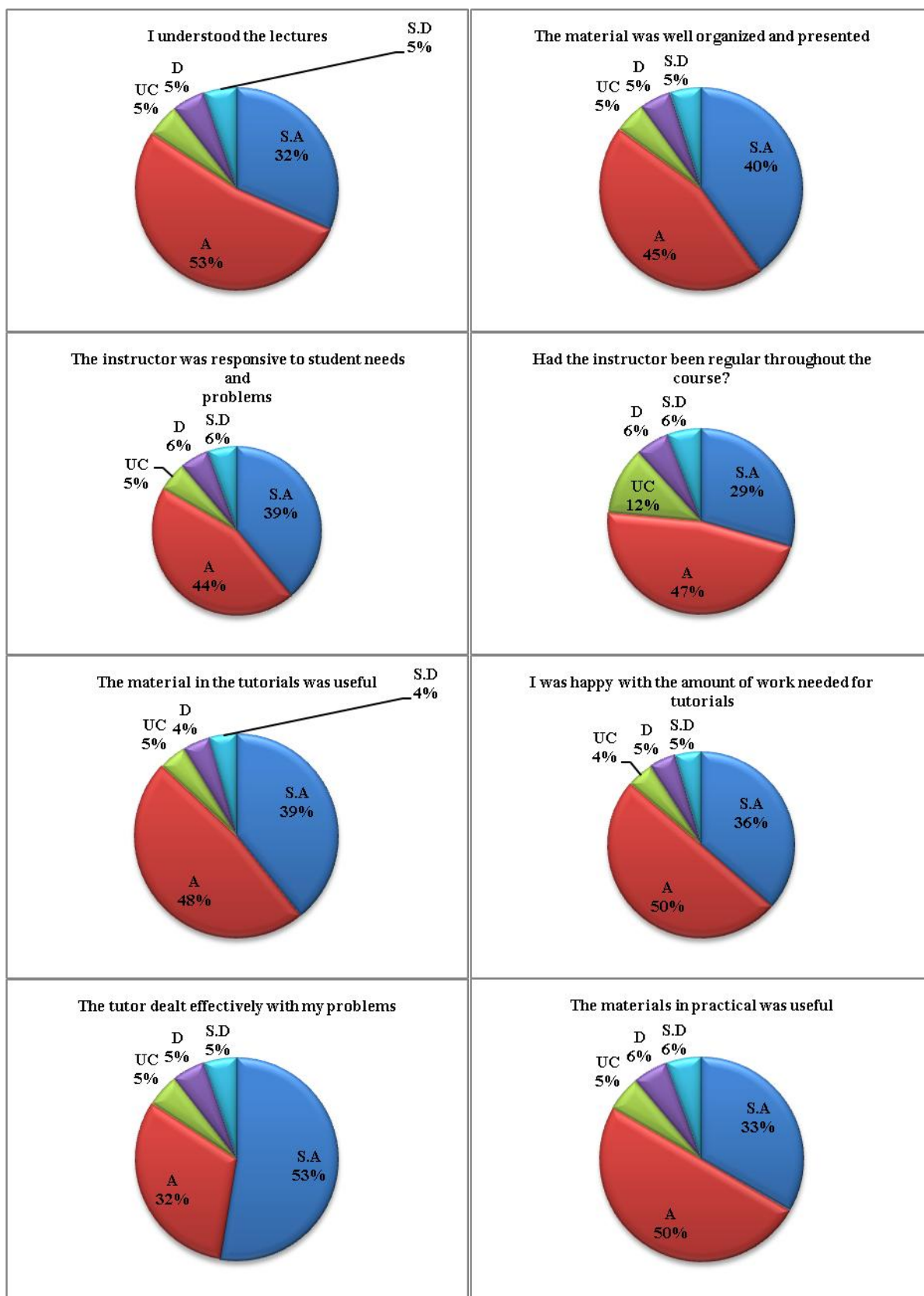


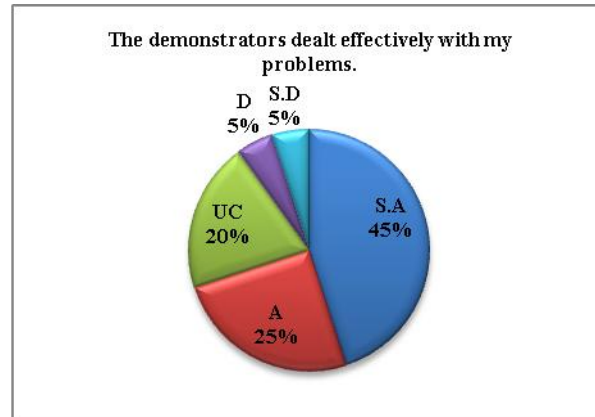
Feedback on assessment was timely



Feedback on assessment was helpful







General Comments of Students about this course

Strength:

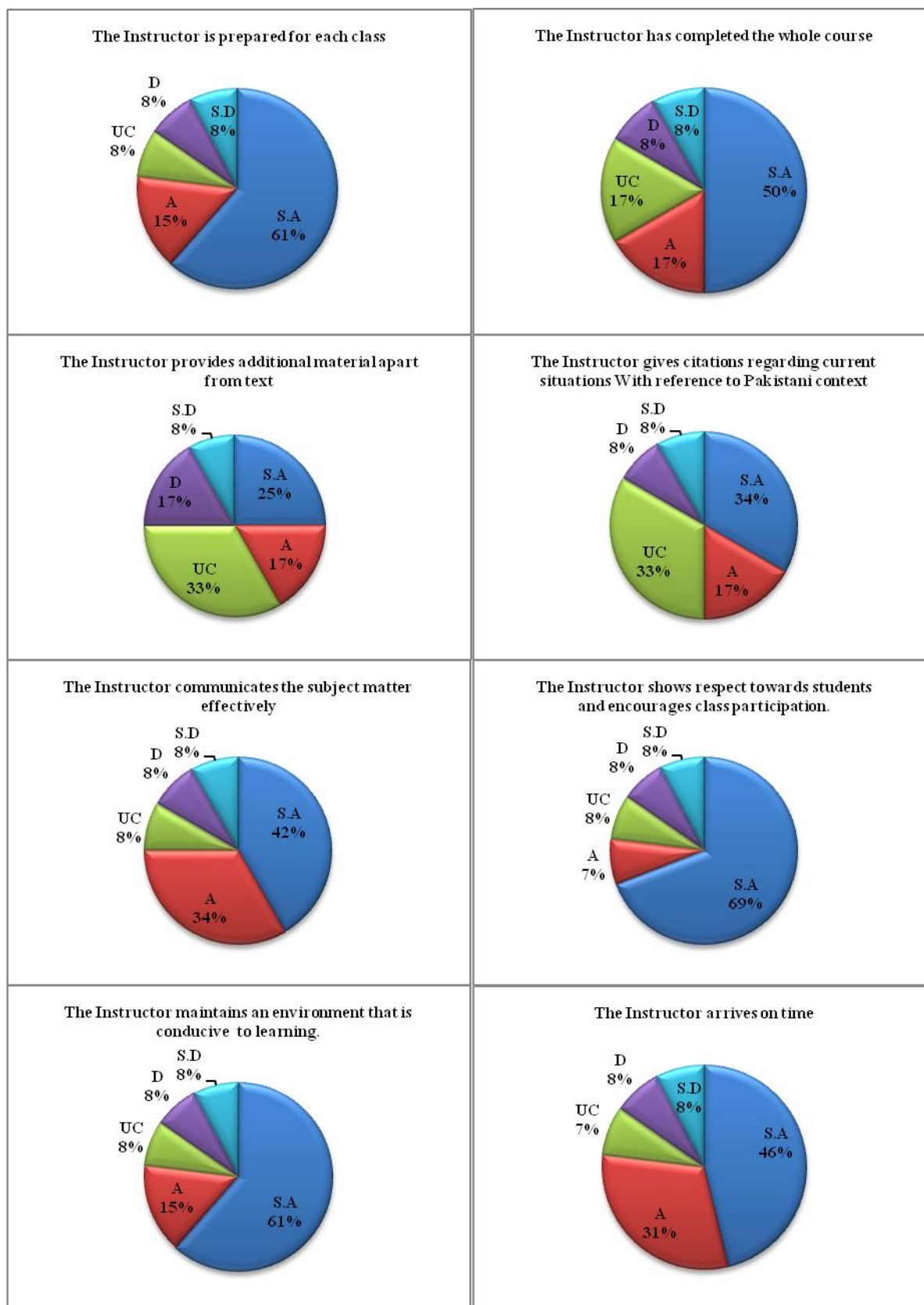
- Style of delivering the lecture was excellent.
- More familiar with new technologies

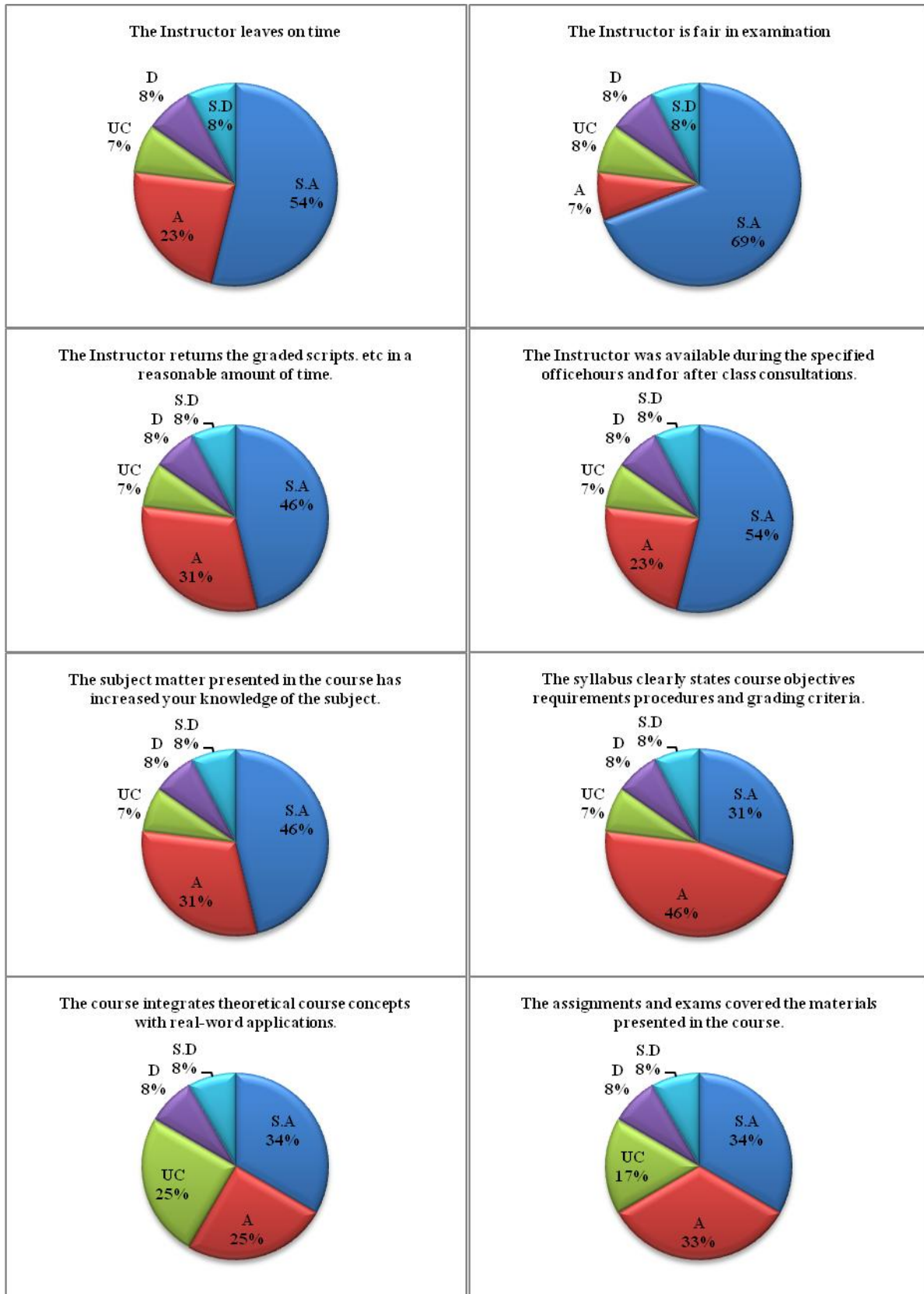
Weaknesses:

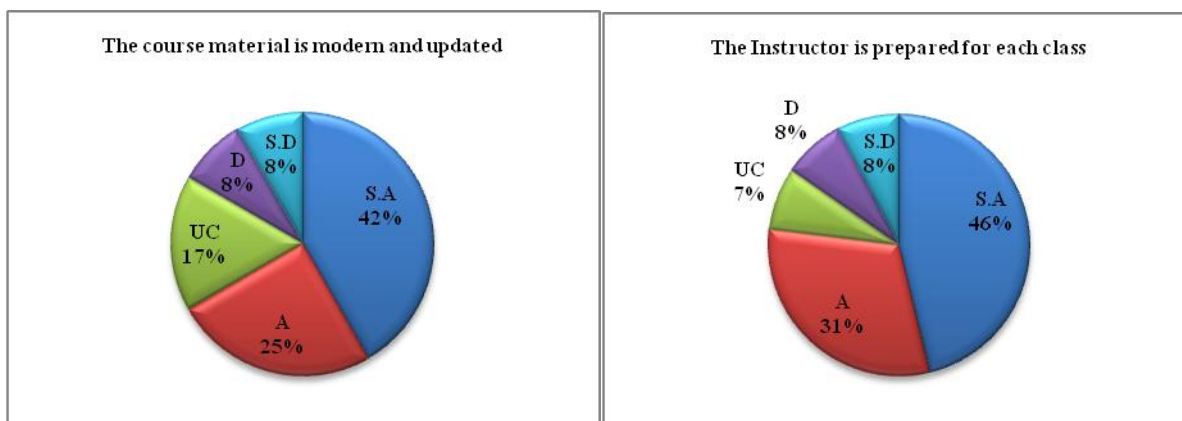
- Feedback should be timely

CS-652 (Dr. Muhammad Ramzan)

The graph for “The instructor is prepared for each class”, shows that 61% are strongly agreed, 15% are agreed, 8% are uncertain, 8% disagreed and 8% strongly disagreed. The Instructor provides additional material apart from text”, shows that 25% are strongly agreed, 17% are agreed, 33% are uncertain, 17% disagreed and 8% strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 61% are strongly agreed, 15% are agreed, 8% are uncertain, 8% disagreed and 8% strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 46% are strongly agreed, 31% are agreed, 7% are uncertain, 8% disagreed and 8% strongly disagreed.







General Comments of the Students about the Teacher

Strength:

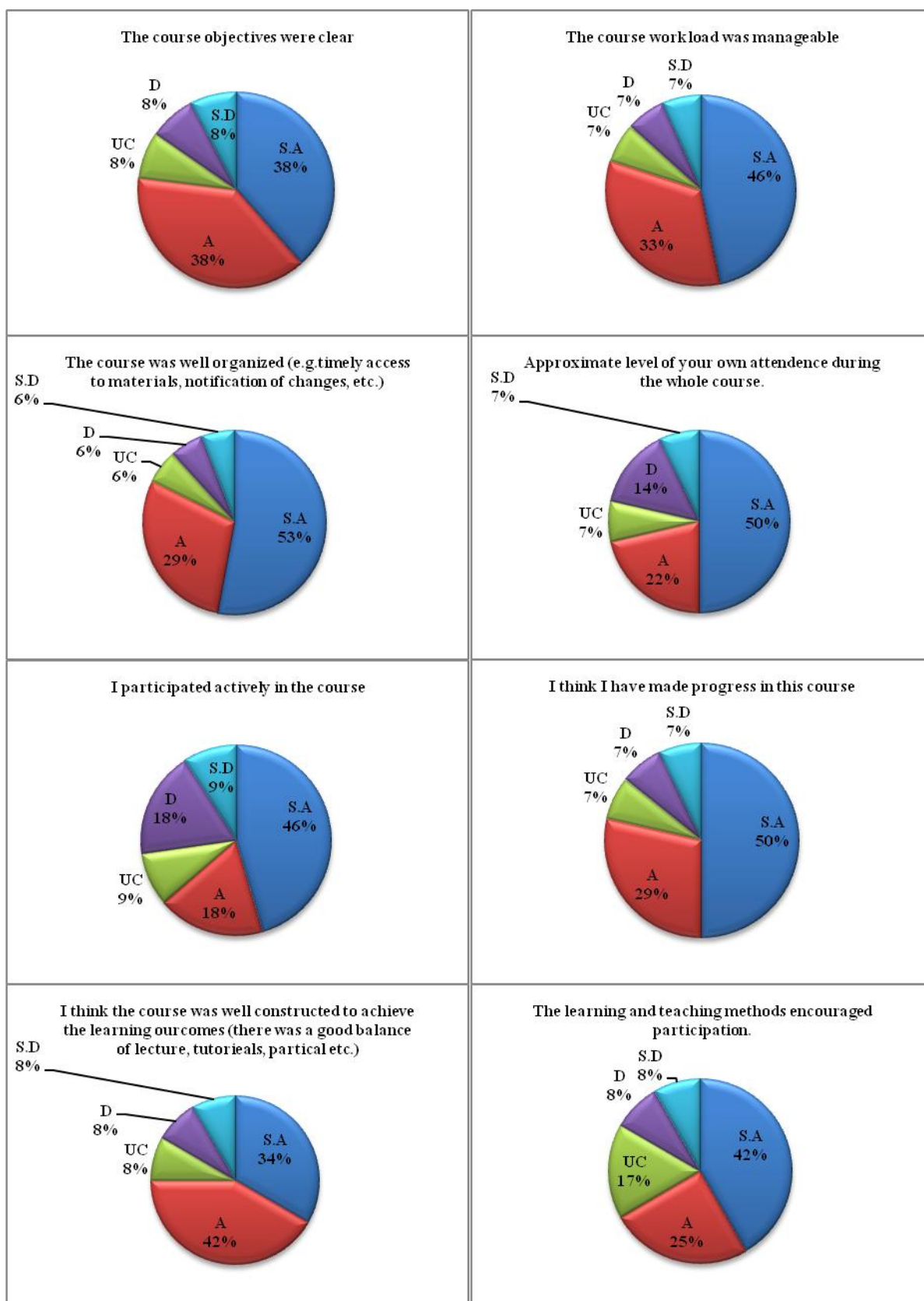
- Well prepared and fair in examination
- Punctual and Respects the students

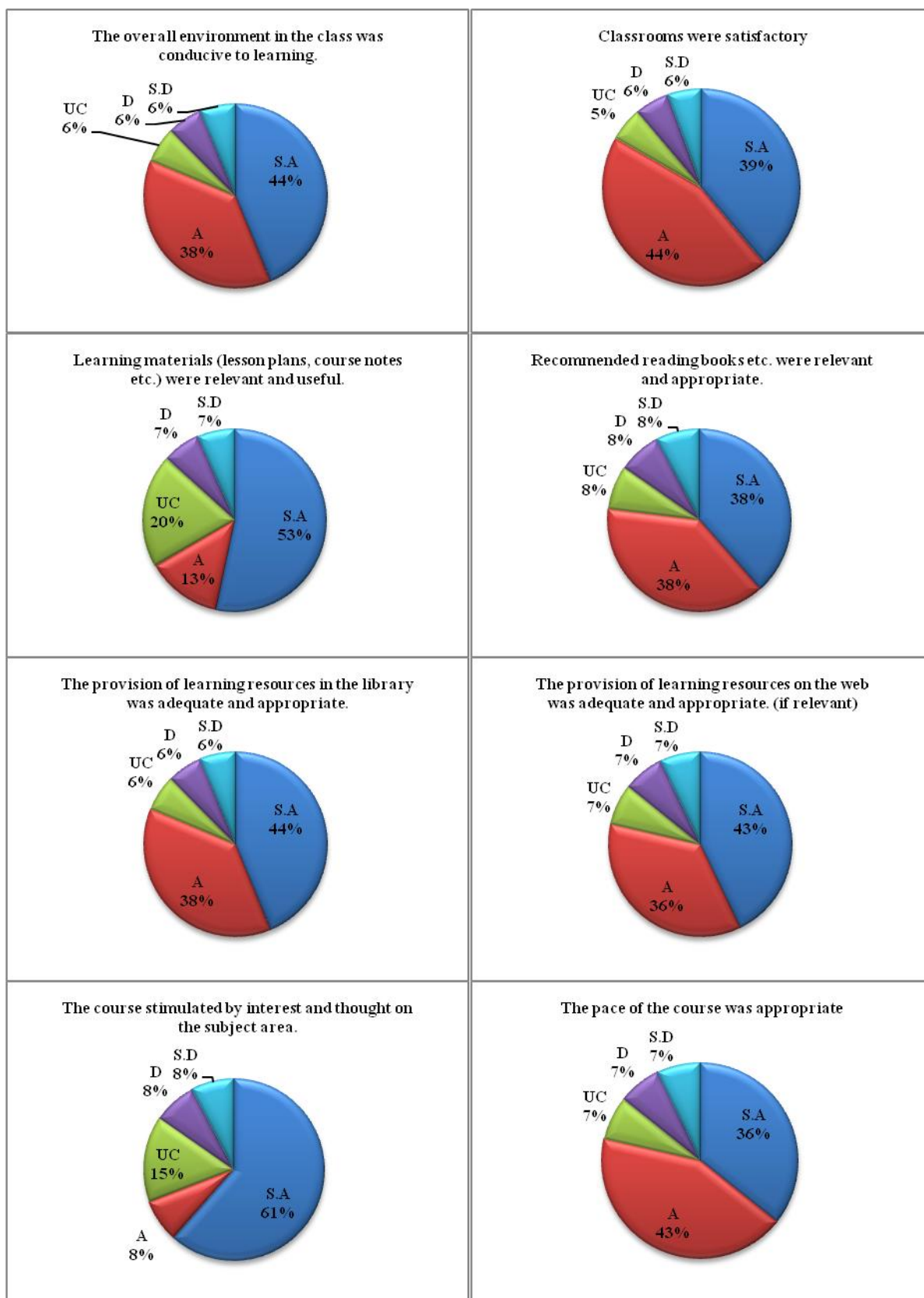
Weakness:

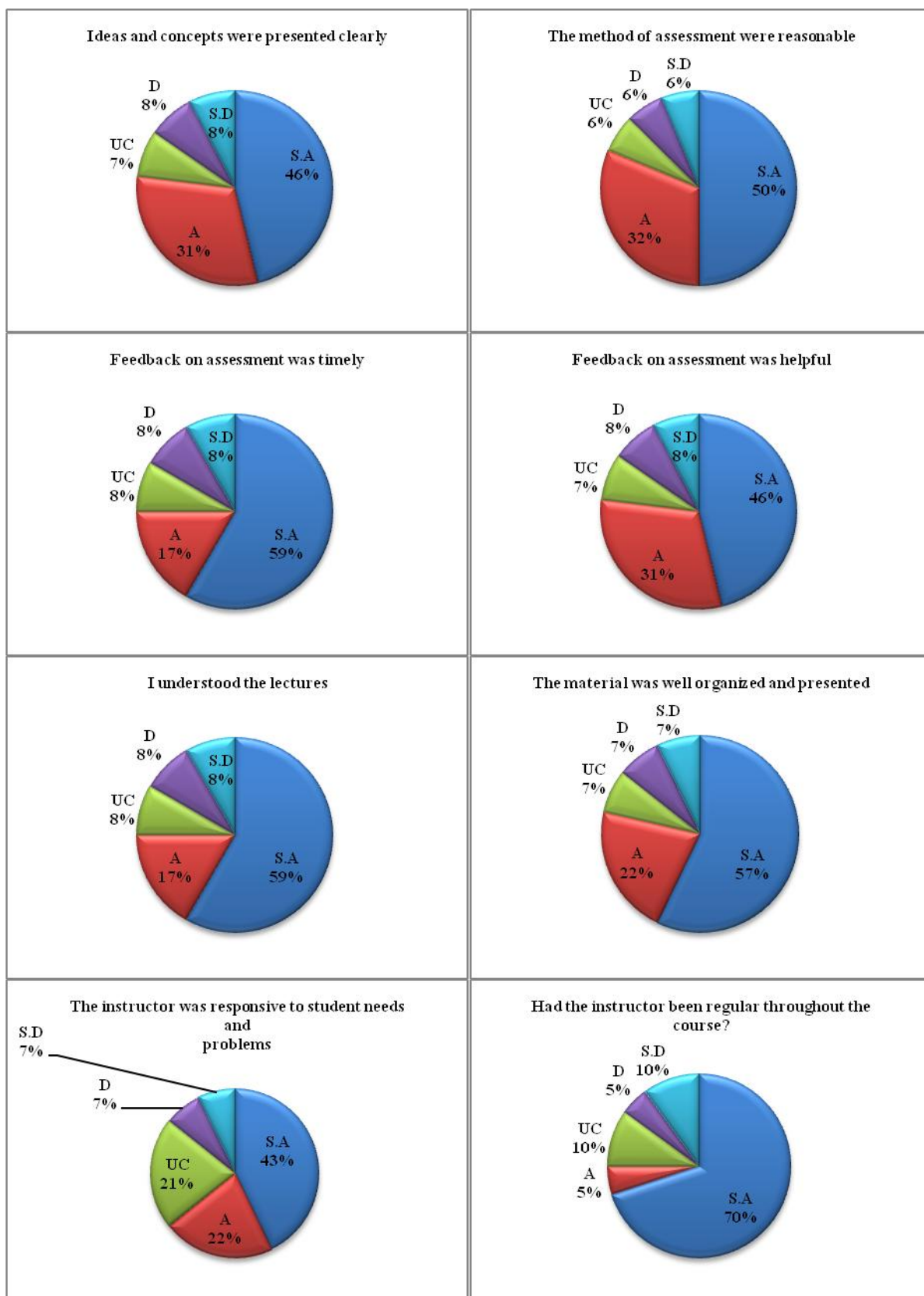
- The syllabus needs improvement
- More practical assignments required

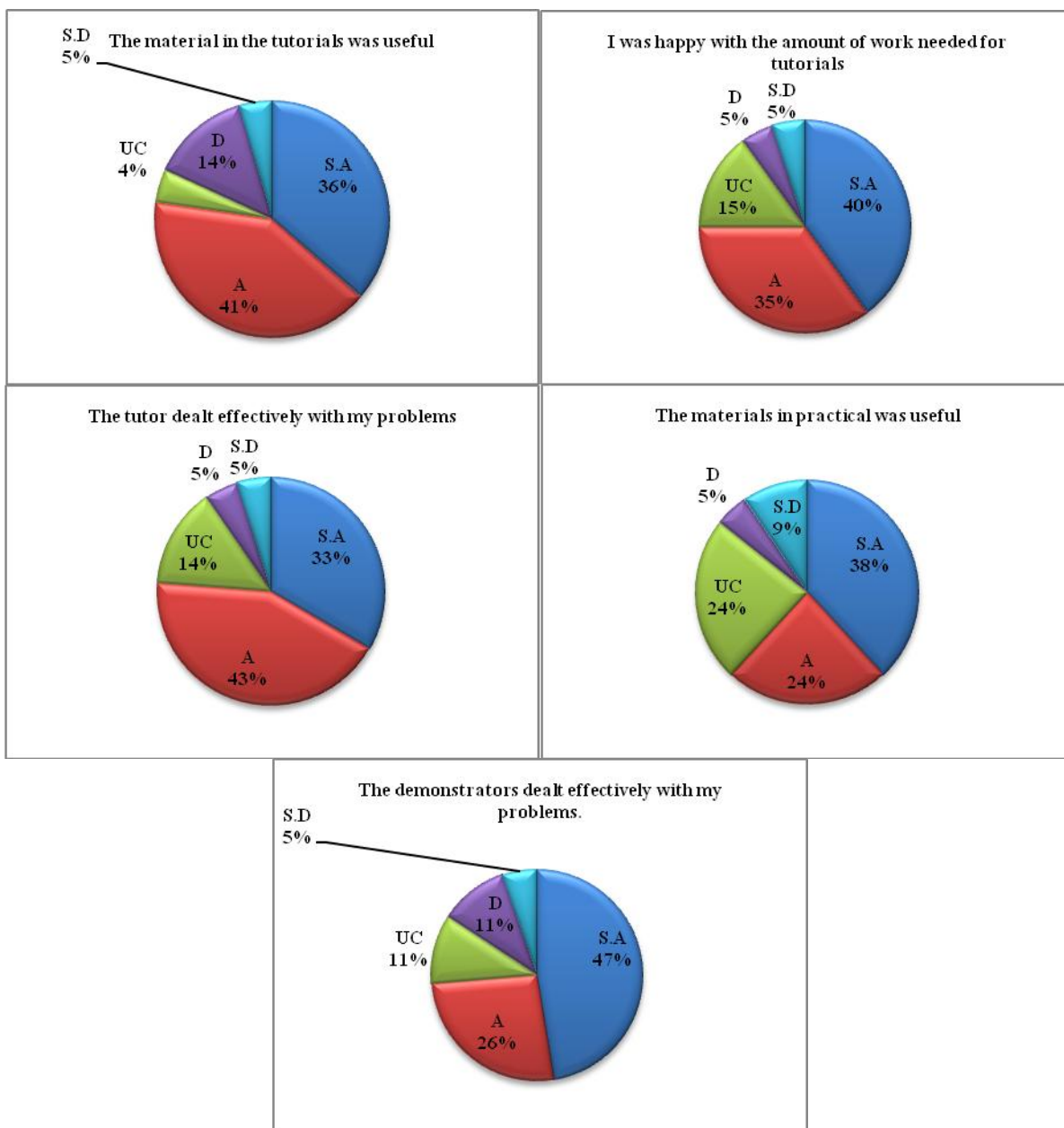
CS-665 (Mr. M. Shabbir Hassan)

The pie chart shows that 38% of the students strongly agreed that course objectives are clear. The 38% agreed with the notion, 8% are uncertain, 8% do not agree and 8% strongly disagreed. The course load was manageable as 46% of the students strongly agreed and 33% of the students agreed. 7% are uncertain, 7% of the students do not agree and 7% strongly disagreed. The course material was well organized this is strongly agreed by 53% of the students and 29% of the students agreed, 6% are uncertain, 6% disagree and 6% strongly disagree. The approximate level of attendance of the teacher during the course was good, it is agreed by 50% of the students and 22% strongly agreed, 7% are uncertain, 14% disagree and 7% strongly disagree. The learning and teaching method of the teacher encouraged the participant; this is agreed by 42% of the students and strongly agreed by 25% of the students, 17% are uncertain, 8% disagree and 8% of the students strongly disagreed with the concept.









General Comments of Students about this course:

Strengths :

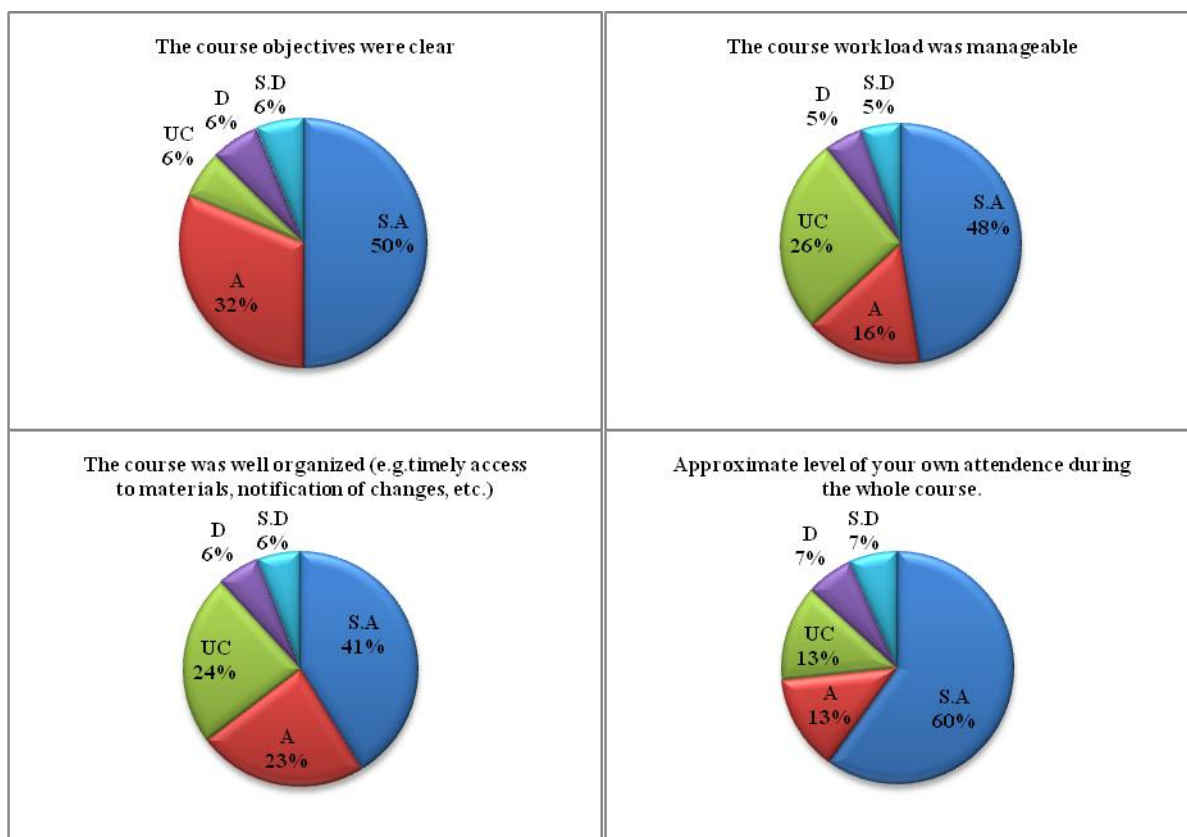
- Taught well
- Well organized material
- Effective teaching method

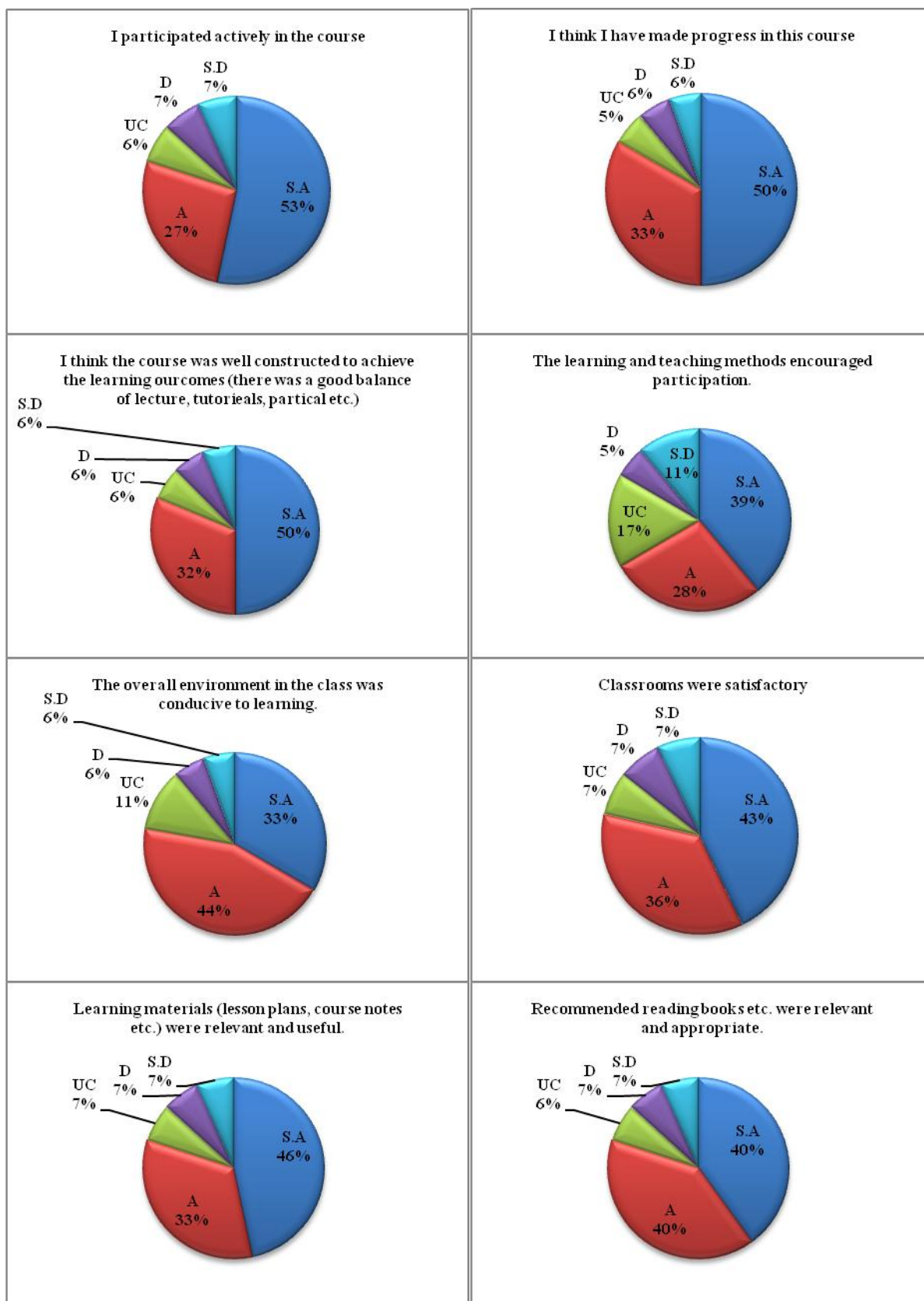
Weaknesses:

- More practical material needed
- More reference material needed

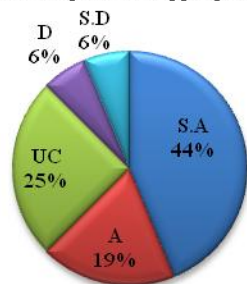
CS-423 (Ms. Aisha Umair)

The pie chart shows that 50% of the students strongly agreed that course objectives are clear. The 32% agreed with the notion. 6% are uncertain, Only 6% do not agree and 6% strongly disagreed. The course load was manageable as 48% of the students strongly agreed and 16% of the students agreed. 26% are uncertain, 5% of the students do not agree and 5% strongly disagreed. The course material was well organized this is strongly agreed by 41% of the students and 23% of the students agreed, 24% uncertain, 6% disagree and 6% strongly disagreed. The approximate level of attendance of the teacher during the course was good, it is agreed by 60% of the students and 13% strongly agreed, 13% are uncertain, 7% disagree and 7% strongly disagreed. The learning and teaching method of the teacher encouraged the participants; this is agreed by 39% of the students and strongly agreed by 28% of the students, 17% are uncertain, 5% disagree and 11% of the students strongly disagreed with the concept.

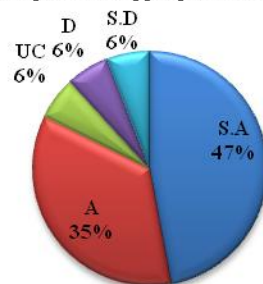




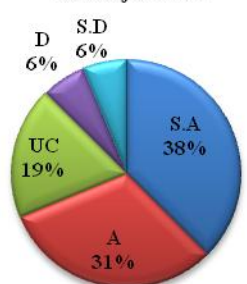
The provision of learning resources in the library was adequate and appropriate.



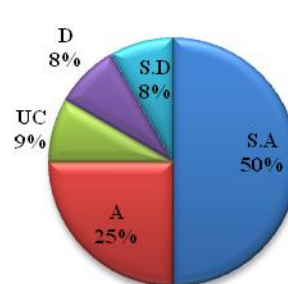
The provision of learning resources on the web was adequate and appropriate. (if relevant)



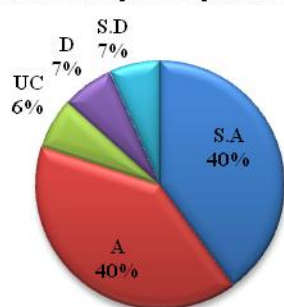
The course stimulated by interest and thought on the subject area.



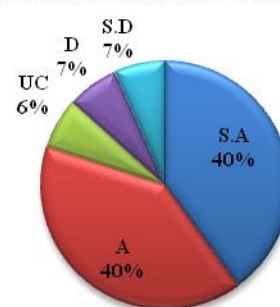
The pace of the course was appropriate



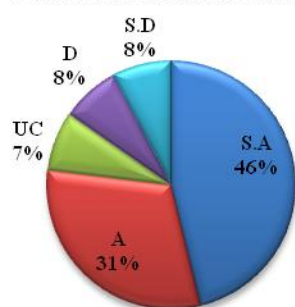
Ideas and concepts were presented clearly



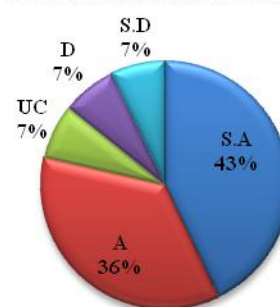
The method of assessment were reasonable

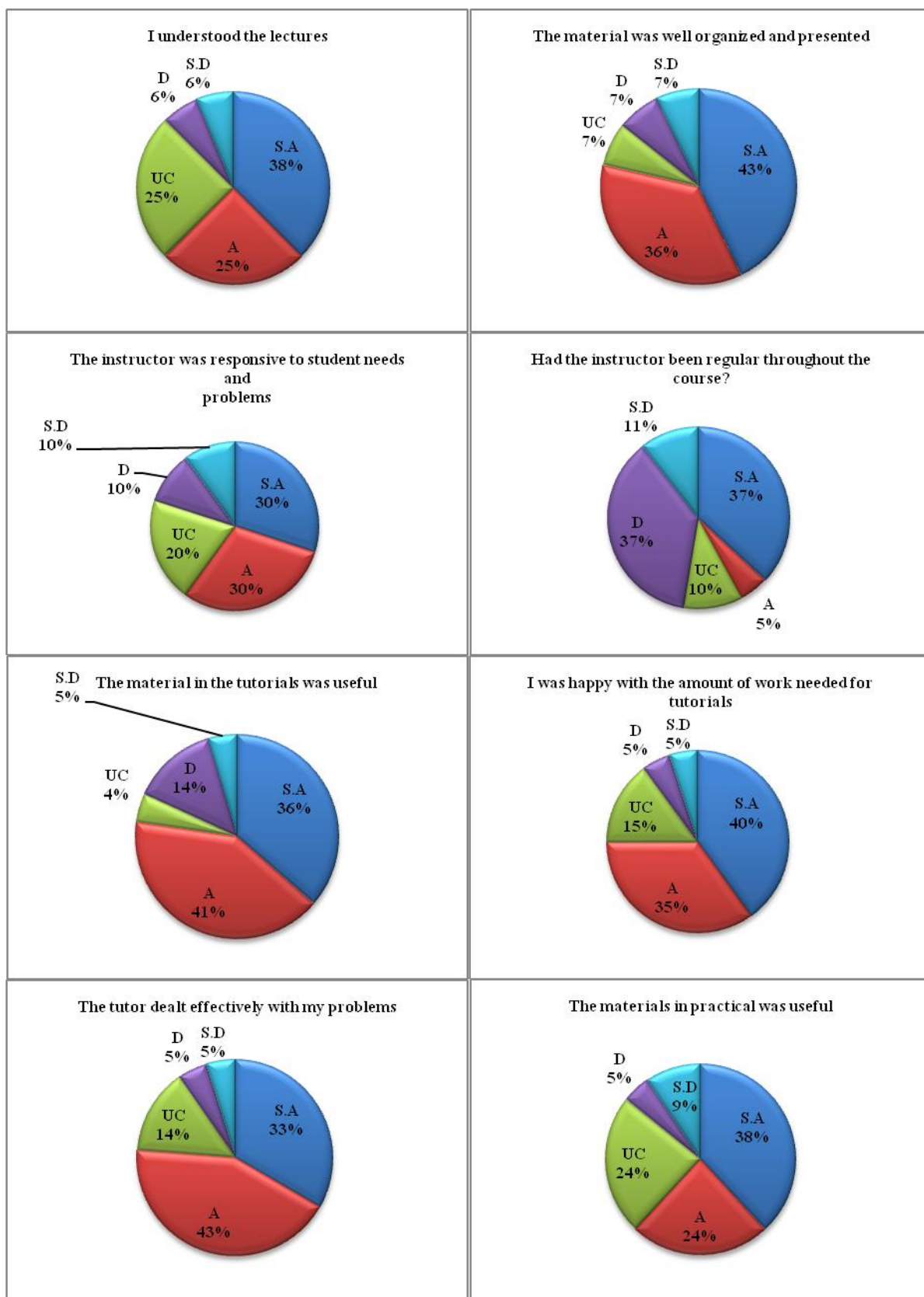


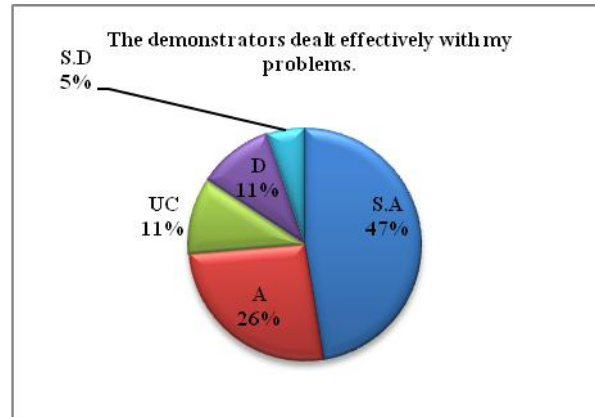
Feedback on assessment was timely



Feedback on assessment was helpful







General Comments of Students about this course:

Strengths :

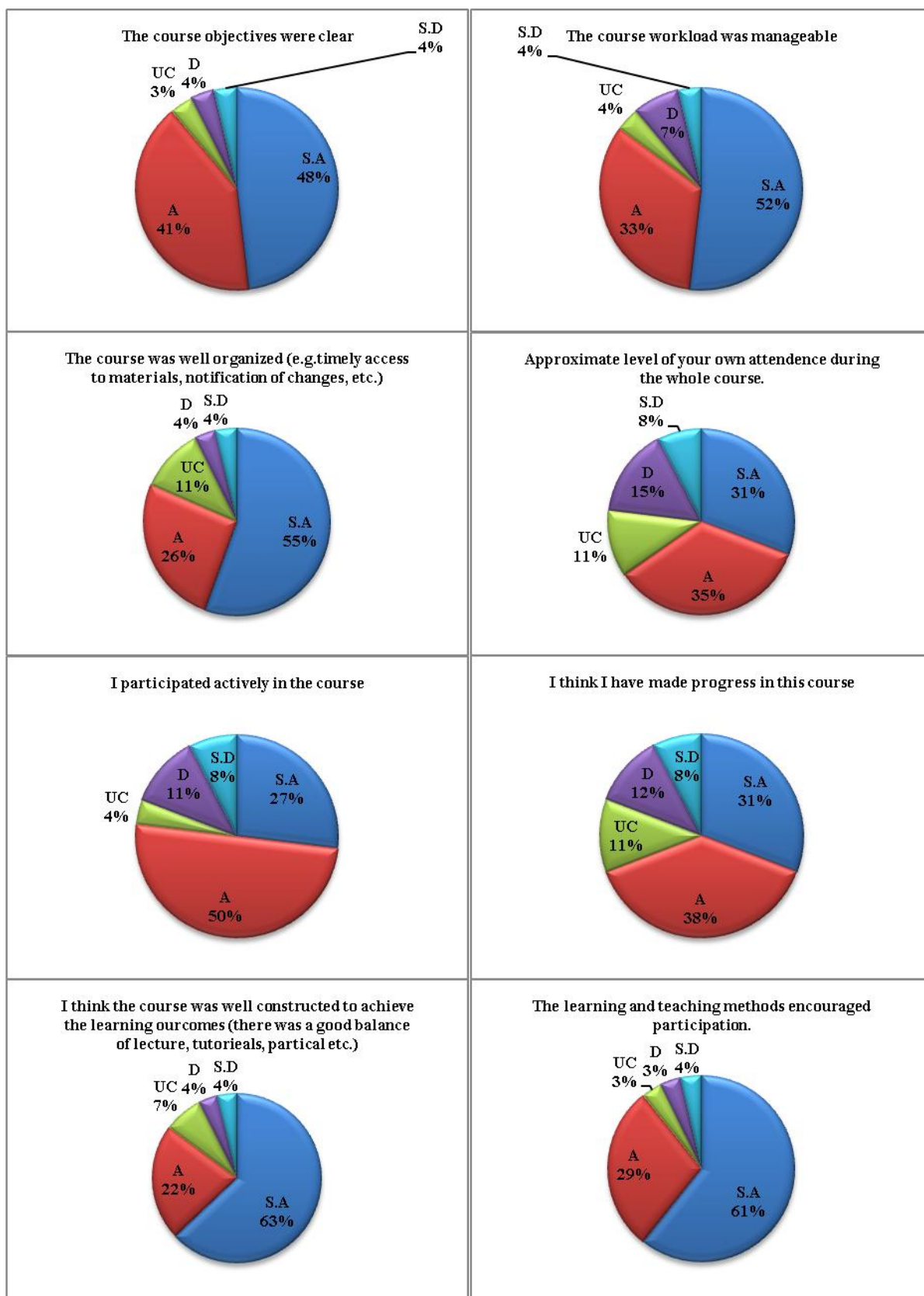
- Objectives well clear
- Good teaching method
- More practical work

Weaknesses:

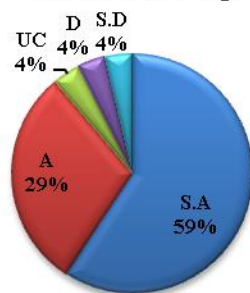
- Tutorials should be added

CS-423 (Ms. Bushra Hamid)

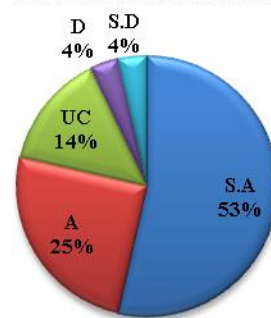
The pie chart shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph “The Course Objectives were clear” indicates that 48% strongly agreed, 41% agreed, 3% are uncertain, 4% disagreed and 4% strongly disagreed. The instructor proved to be very helping. The graph “The instructor was responsive to student needs and problems indicates that 46% strongly agreed, 39% agreed, 7% are uncertain, 3% disagreed and 4% strongly disagreed. The course was very well organized. This can be seen in the graph “The course was well organized” indicates that 55% strongly agreed, 26% agreed, 11% are uncertain, 4% disagreed and 4% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable” indicates that 52% strongly agreed, 33% agreed, 4% are uncertain, 7% disagreed and 4% strongly disagreed.



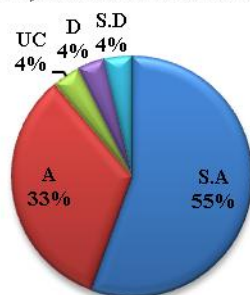
The overall environment in the class was conducive to learning.



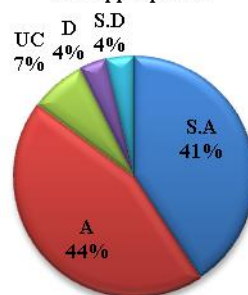
Classrooms were satisfactory



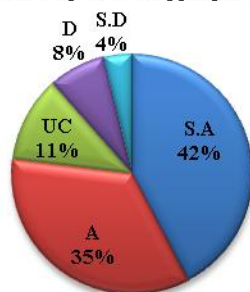
Learning materials (lesson plans, course notes etc.) were relevant and useful.



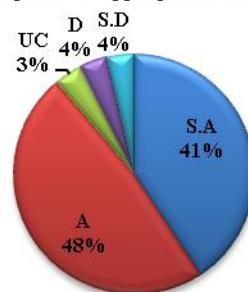
Recommended reading books etc. were relevant and appropriate.



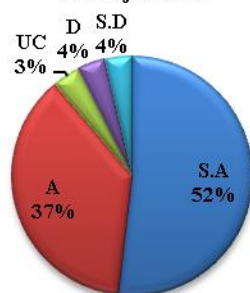
The provision of learning resources in the library was adequate and appropriate.



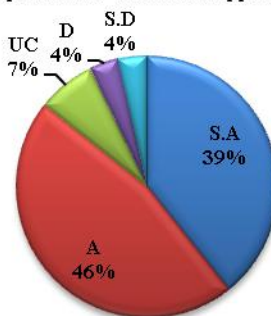
The provision of learning resources on the web was adequate and appropriate. (if relevant)

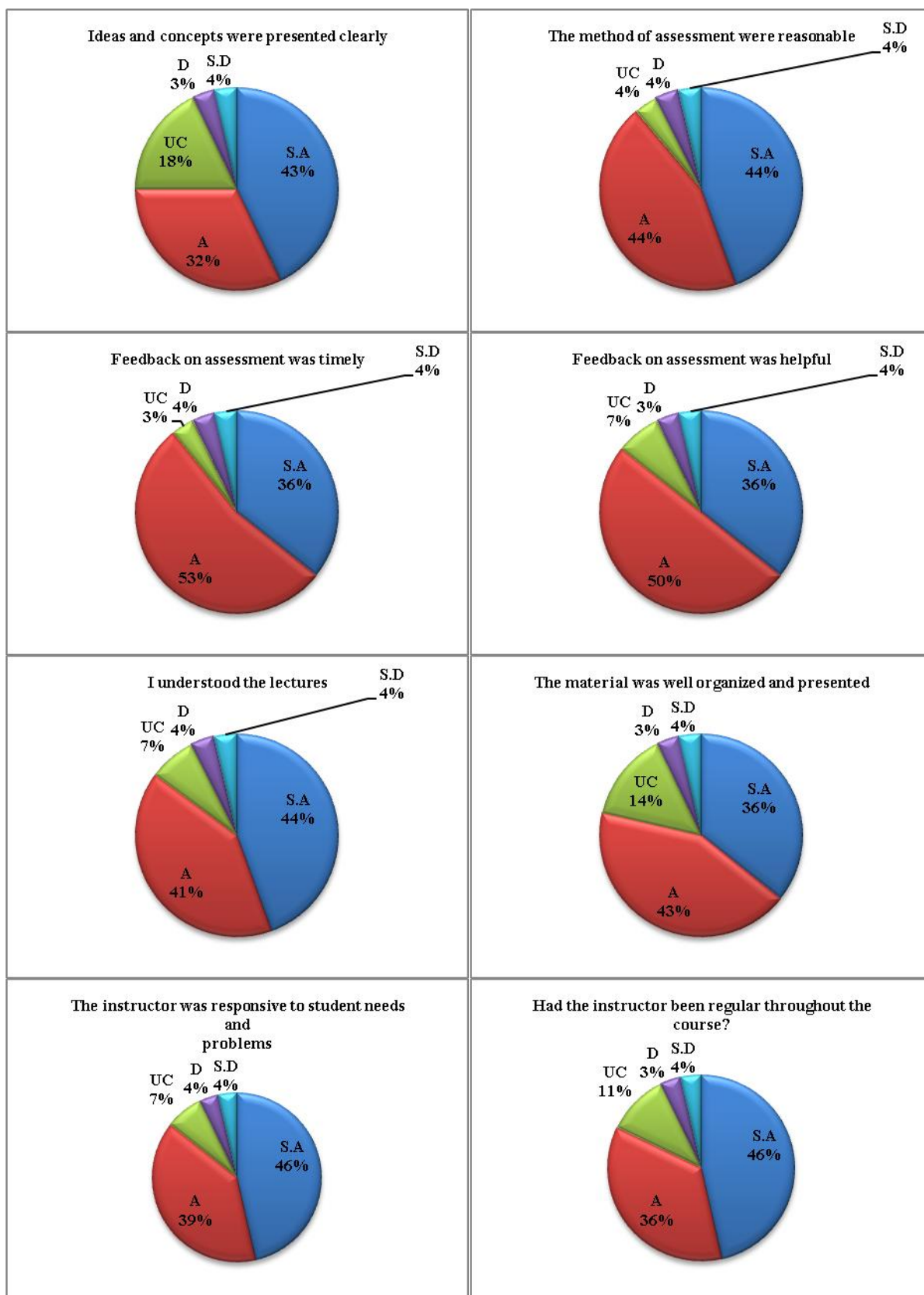


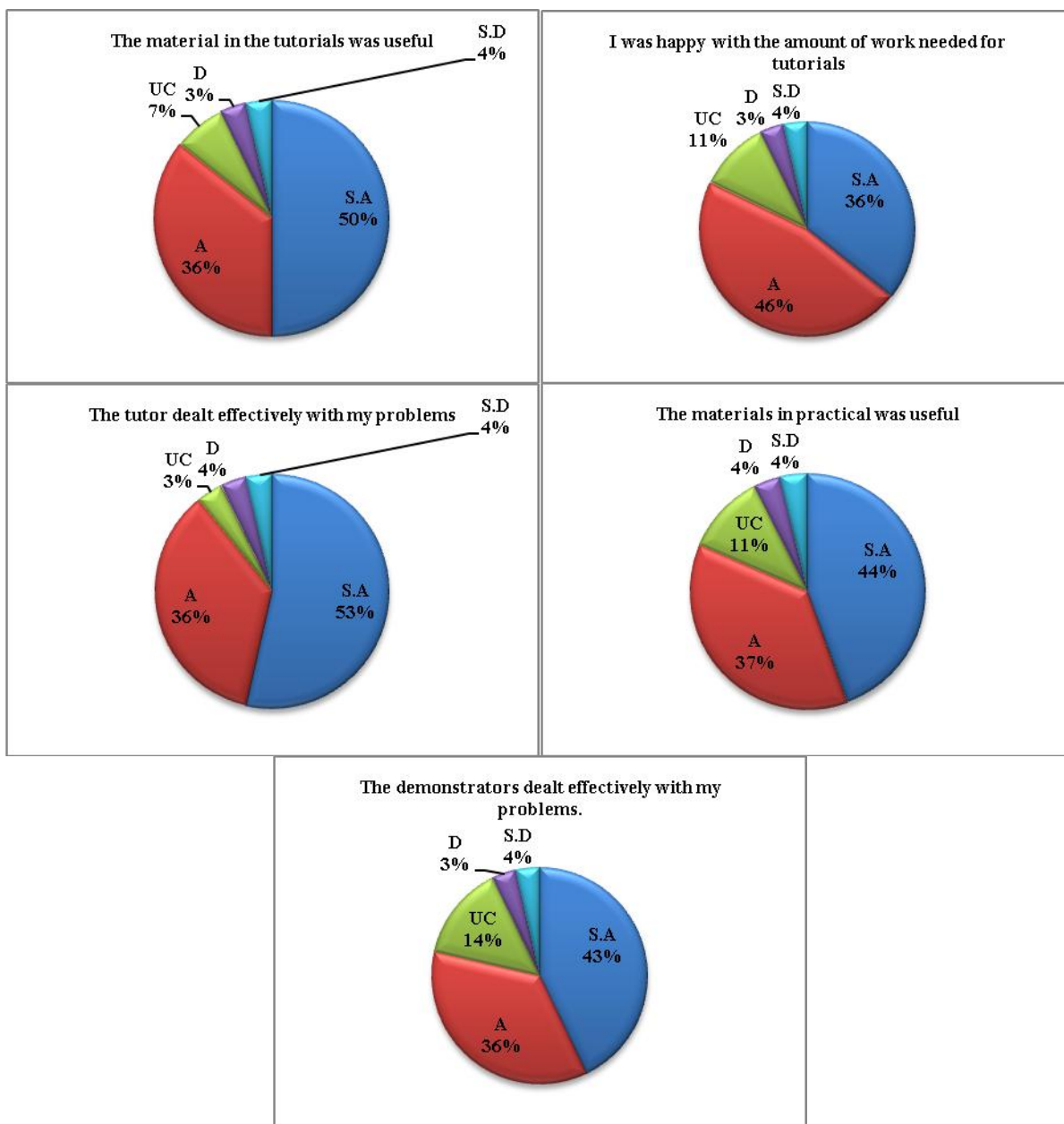
The course stimulated by interest and thought on the subject area.



The pace of the course was appropriate







General Comments of Students about this course

Strength:

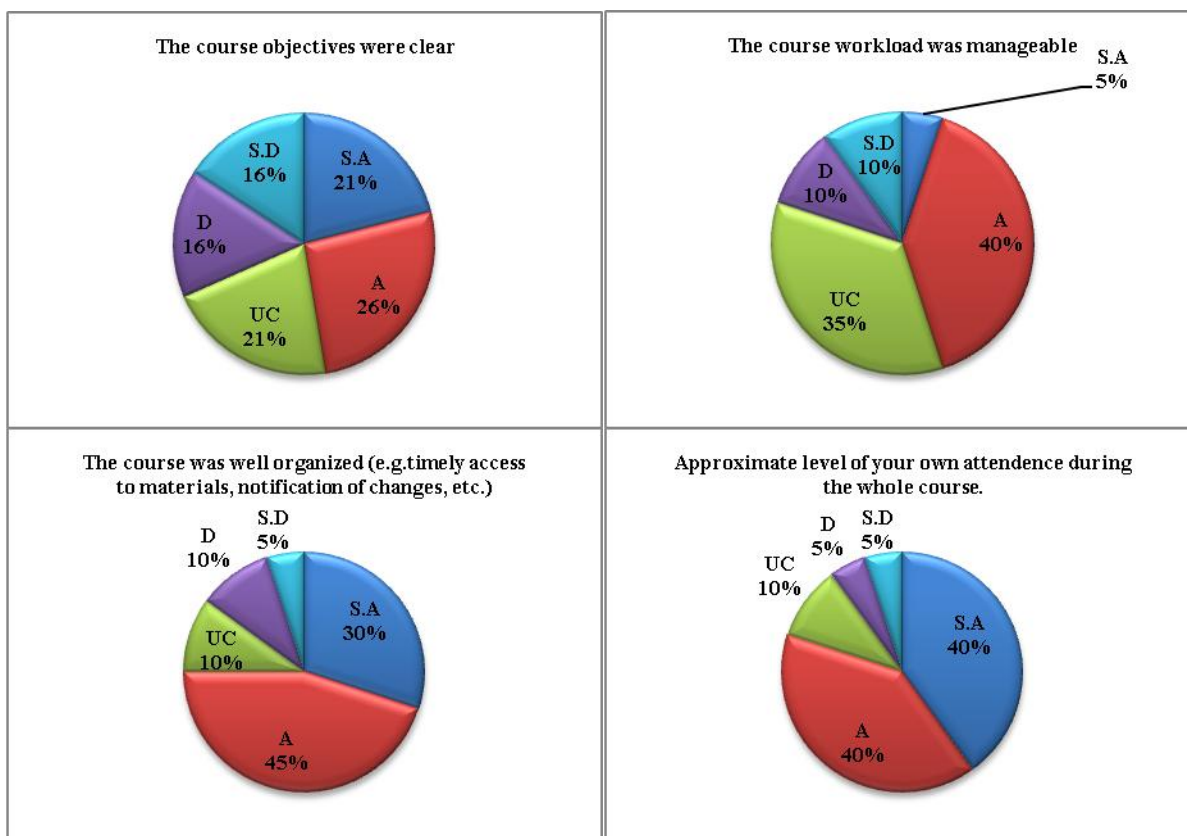
- Always helping
- Clear course objectives
- Reasonable work load
- Well organized course

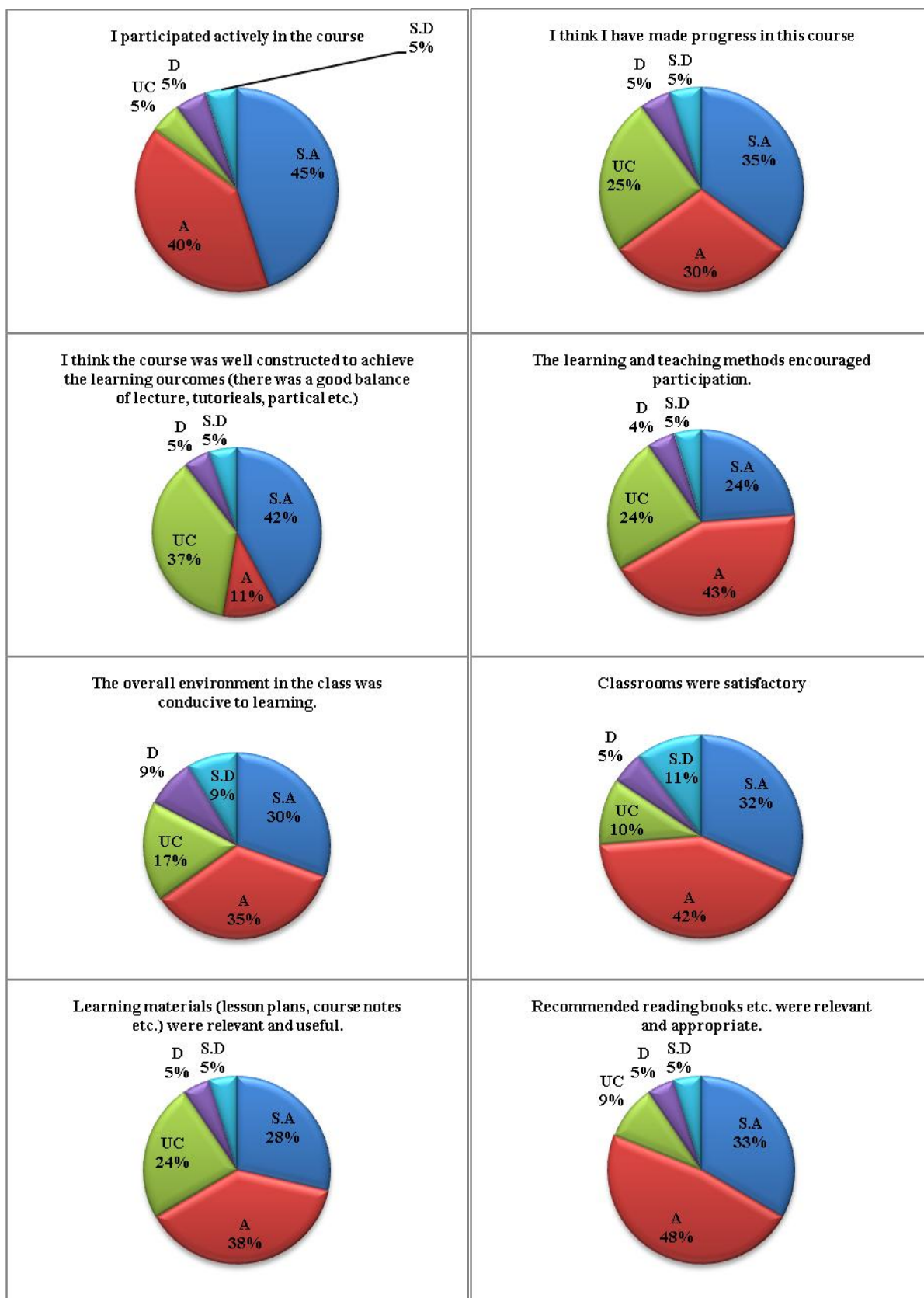
Weaknesses:

- More time required for the lab.

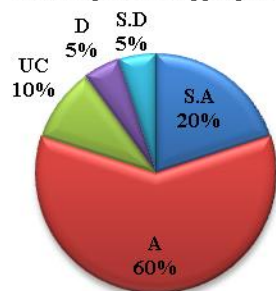
CS-669 (Ms. Bushra Hamid)

The pie chart shows the details of the evaluation. The pace of the course was excellent as shown in the graph “The pace of the course was appropriate”, 32% strongly agreed, 47% agreed, 5% are uncertain, 5% disagreed and 11% strongly disagreed. The course stimulated interest and thought of students for this course. The graph “The course stimulated interest and thought on the subject area”, 35% strongly agreed, 40% agreed, 10% are uncertain, 5% disagreed and 10% strongly disagreed. The instructor recommended relevant and appropriate reading material for this course. The graph “Recommended reading materials were relevant and appropriate” reflects that, 33% strongly agreed, 48% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. The instructor proved to be very helping. The graph “The instructor was responsive to student needs and problems, as indicates that, 38% strongly agreed, 38% agreed, 14% are uncertain, 5% disagreed and 5% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 5% strongly agreed, 40% agreed, 35% are uncertain, 10% disagreed and 10% strongly disagreed.

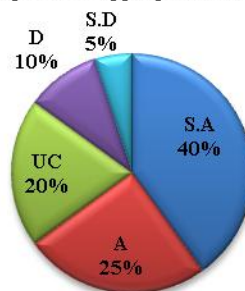




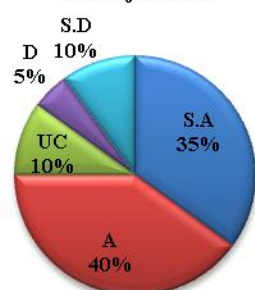
The provision of learning resources in the library was adequate and appropriate.



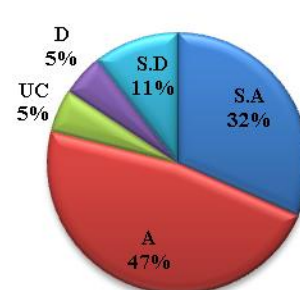
The provision of learning resources on the web was adequate and appropriate. (if relevant)



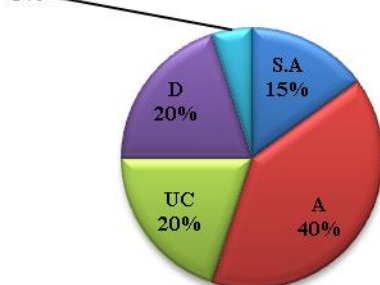
The course stimulated by interest and thought on the subject area.



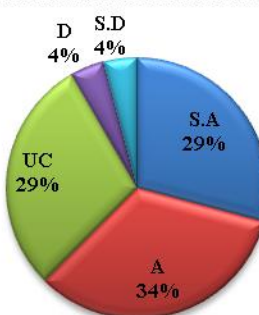
The pace of the course was appropriate



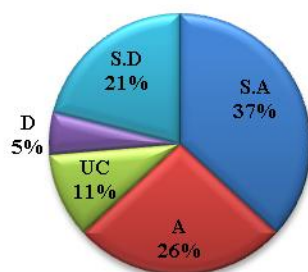
Ideas and concepts were presented clearly



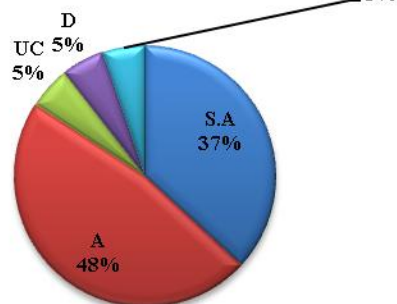
The method of assessment were reasonable

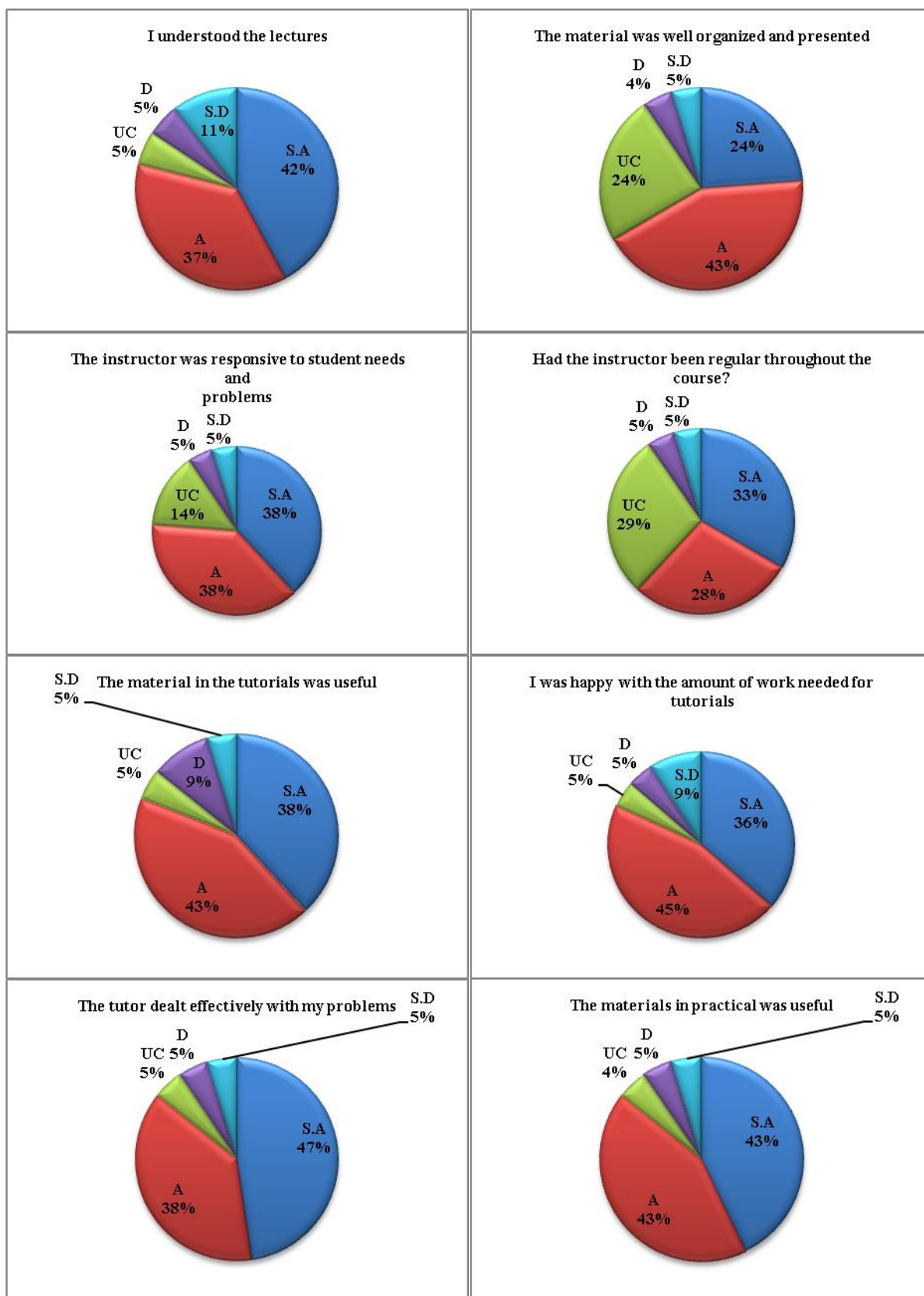


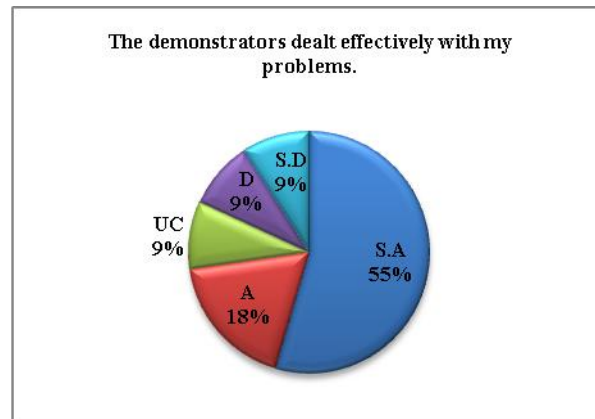
Feedback on assessment was timely



Feedback on assessment was helpful







General Comments of Students about this course

Strength:

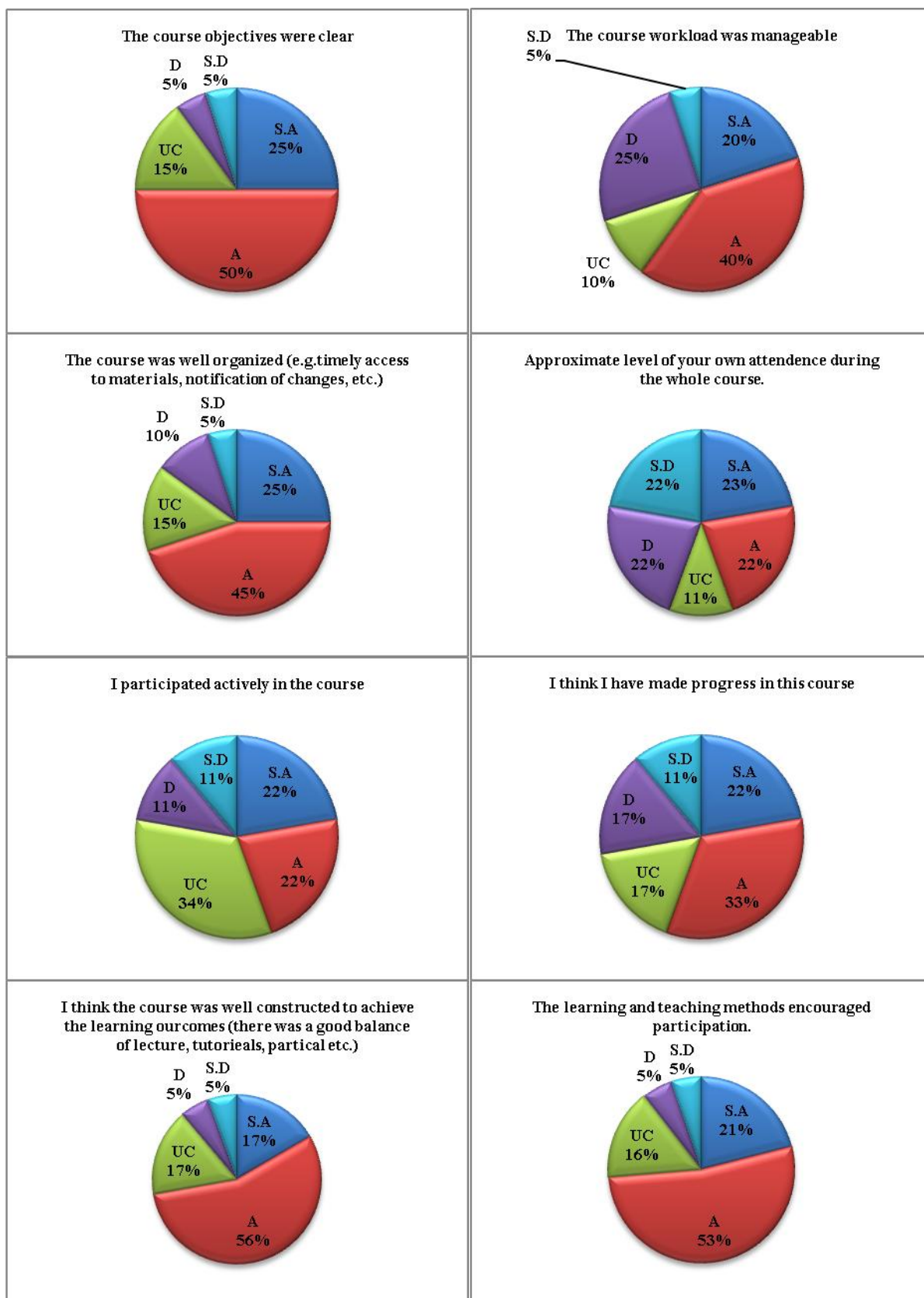
- Well prepared for lectures.
- Answer the questions in good way.

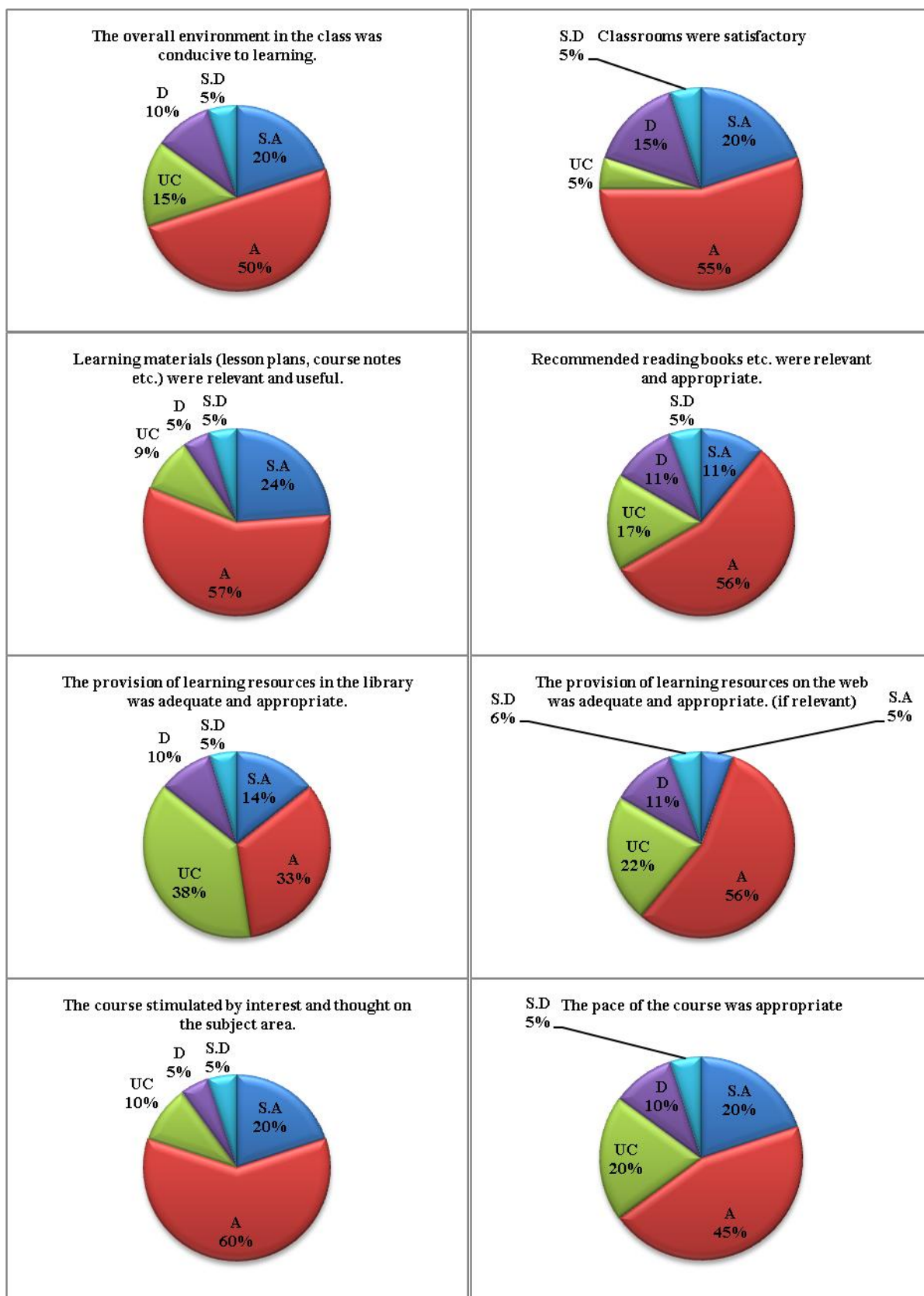
Weaknesses:

- More use of white board.
- More reference material should be provided.

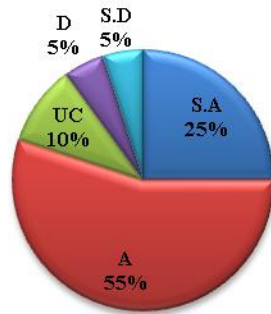
CS-452 (Mr. Yasir Hafeez)

The pie chart shows the details of the evaluation. The course stimulated interest and thought in the students for this course. The graph “The course stimulated interest and thought on the subject area”, 20% strongly agreed, 60% agreed, 10% are uncertain, 5% disagreed and 5% strongly disagreed. The instructor recommended relevant and appropriate reading material for this course. The graph “Recommended reading materials were relevant and appropriate” reflects this, 11% strongly agreed, 56% agreed, 17% are uncertain, 11% disagreed and 5% strongly disagreed. Teaching methodology encouraged student participation in this course. This can be seen from the graph, “The learning and teaching methods encouraged participation”, 21% strongly agreed, 53% agreed, 16% are uncertain, 5% disagreed and 5% strongly disagreed. There were enough library resources available for this course. This is shown in the graph “The provision of learning resources in the library were adequate and appropriate”, 14% strongly agreed, 33% agreed, 38% are uncertain, 10% disagreed and 5% strongly disagreed.

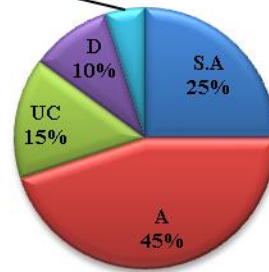




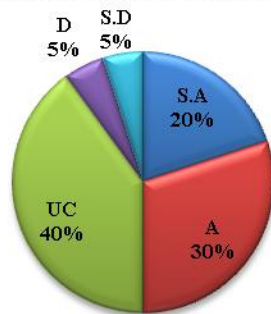
Ideas and concepts were presented clearly



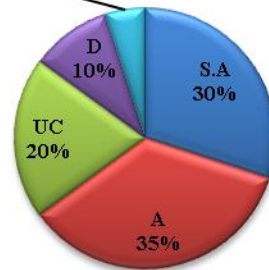
The method of assessment were reasonable



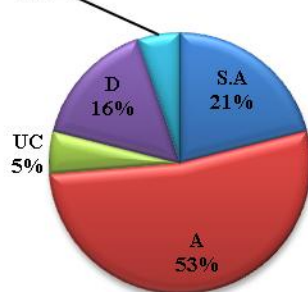
Feedback on assessment was timely



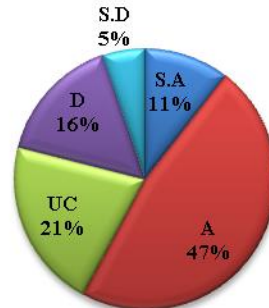
Feedback on assessment was helpful



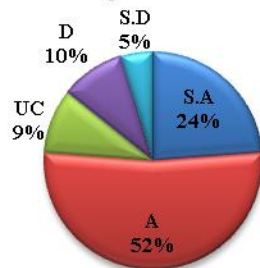
I understood the lectures



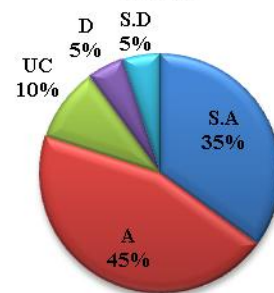
The material was well organized and presented

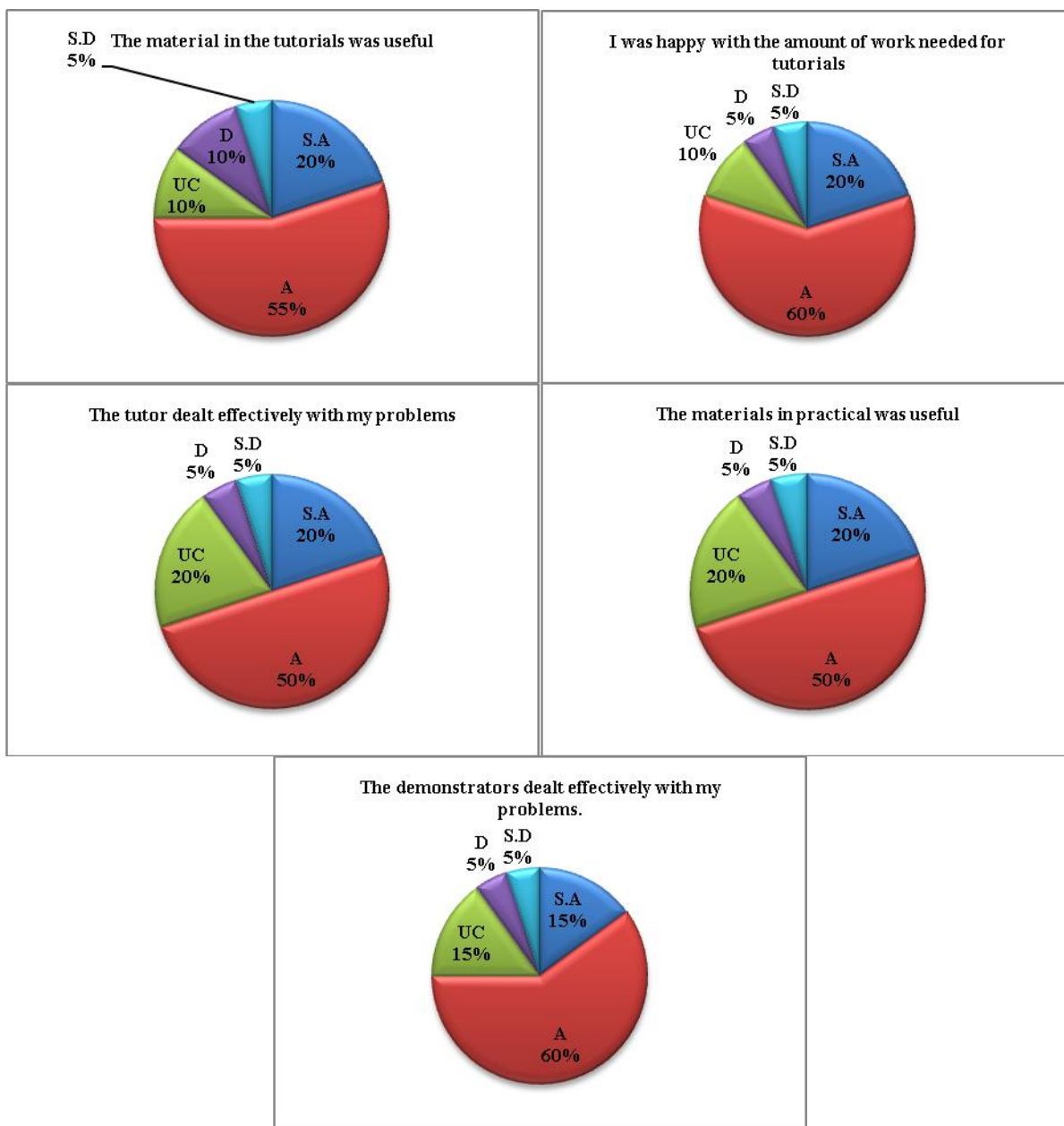


The instructor was responsive to student needs and problems



Had the instructor been regular throughout the course?





General Comments of Students about this course

Strength:

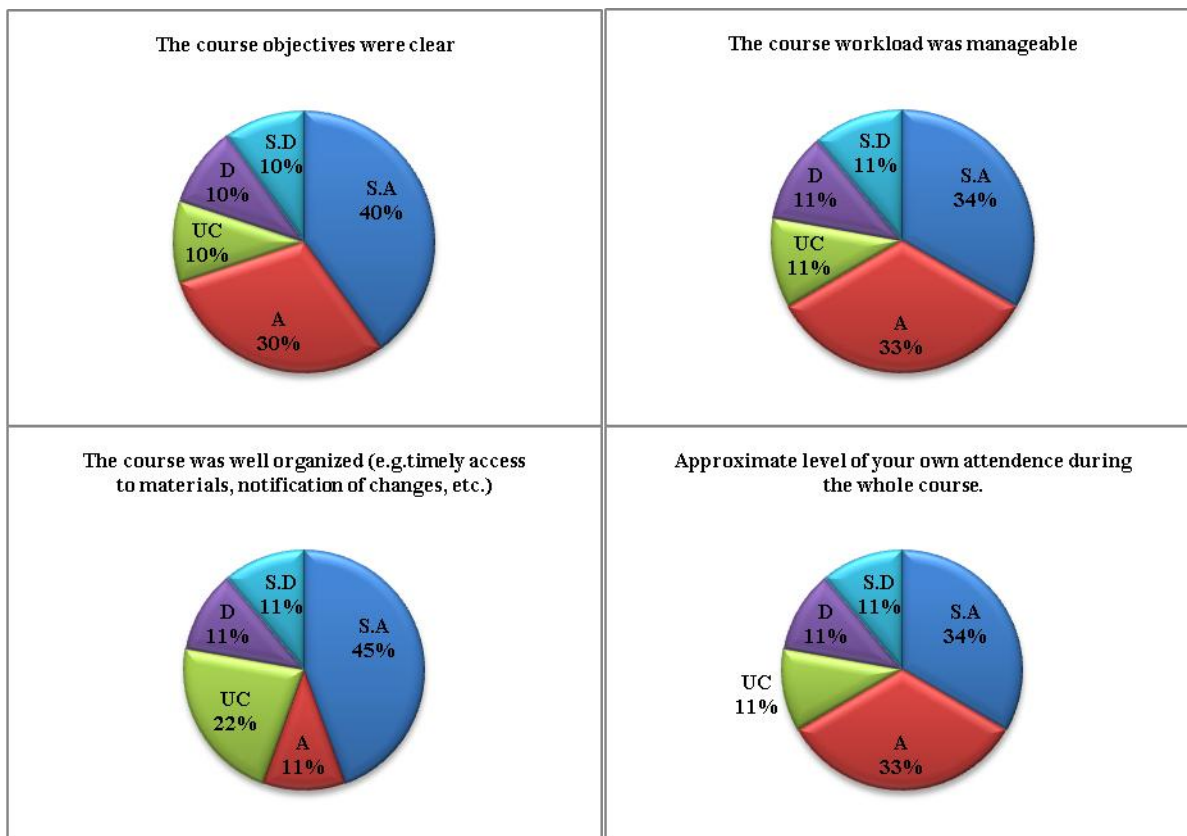
- Well prepared objectives
- Timely feedback on the assessment.

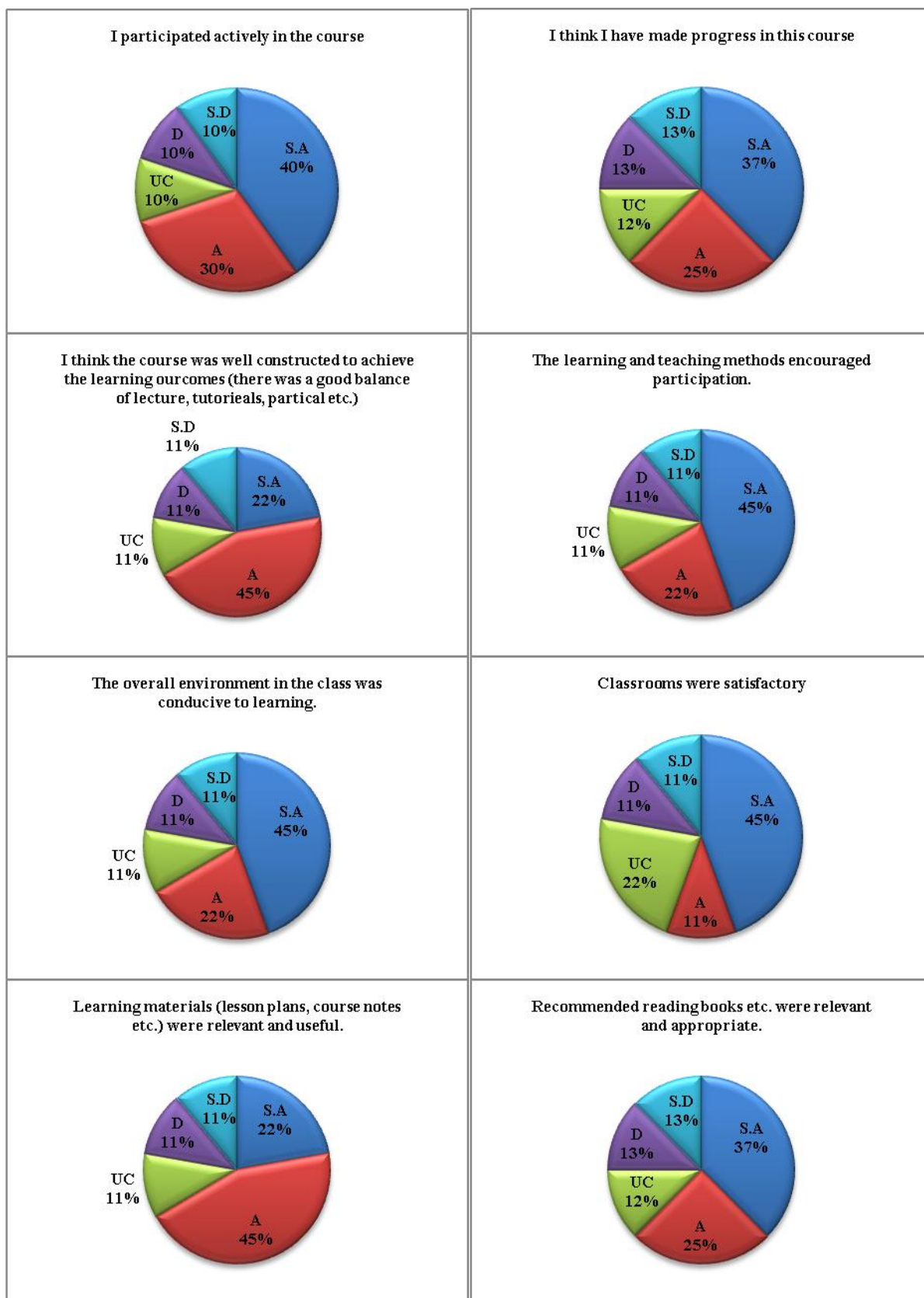
Weaknesses:

- Reduce course outline

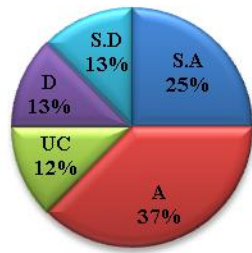
MGT-316 (Ms. Fakhra Mushtaq)

The pie chart shows the details of the evaluation. The course was managed at a good pace by the teacher. This can be seen in the graph “The pace of the course was appropriate”, 34% strongly agreed, 33% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph “I think the course was well constructed to achieve learning outcomes (there was a good balance of lecture, tutorials, practical etc.)”, 22% strongly agreed, 45% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. Teacher’s teaching methodology encouraged students to participate in the course.. The graph “The learning and teaching methods encouraged participation” indicates this, 45% strongly agreed, 22% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The instructor maintained a good clarity of presenting ideas and concepts throughout the course. The graph “Ideas and concepts were presented clearly” reflects this, 34% strongly agreed, 33% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed.

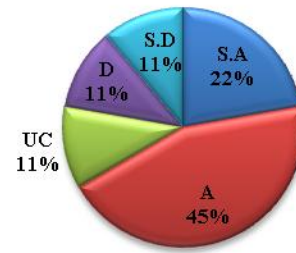




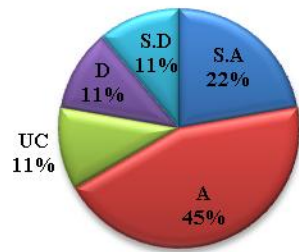
The provision of learning resources in the library was adequate and appropriate.



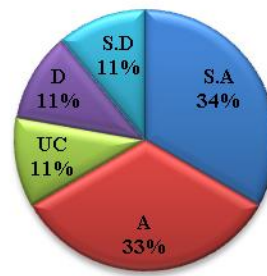
The provision of learning resources on the web was adequate and appropriate. (if relevant)



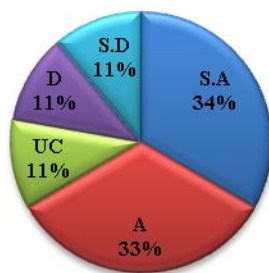
The course stimulated by interest and thought on the subject area.



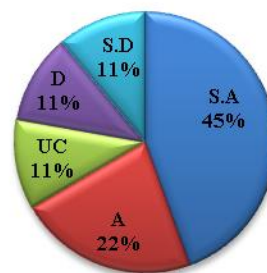
The pace of the course was appropriate



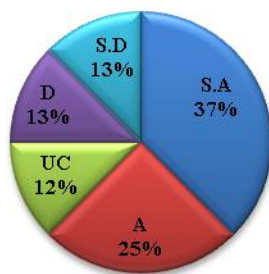
Ideas and concepts were presented clearly



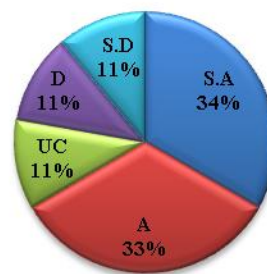
The method of assessment were reasonable



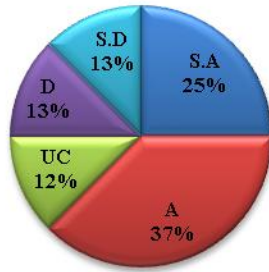
Feedback on assessment was timely



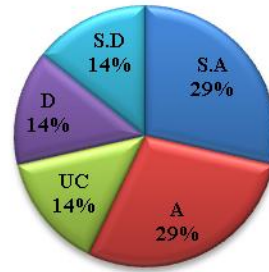
Feedback on assessment was helpful



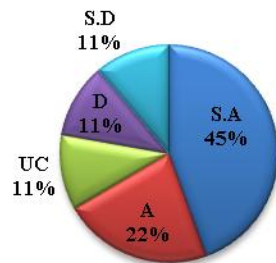
I understood the lectures



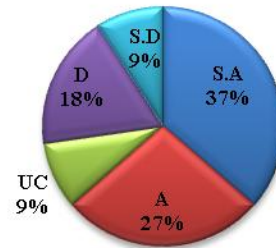
The material was well organized and presented



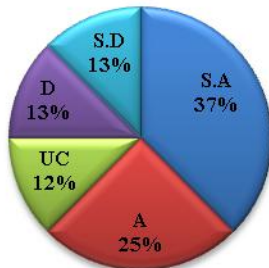
The instructor was responsive to student needs and problems



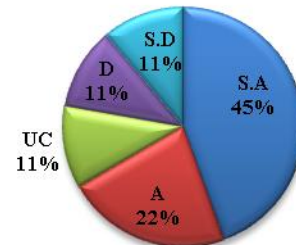
Had the instructor been regular throughout the course?



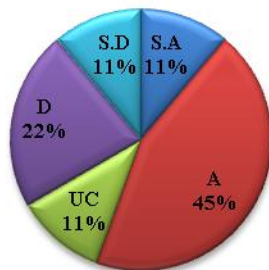
The material in the tutorials was useful



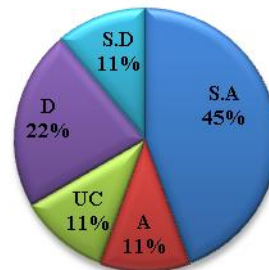
I was happy with the amount of work needed for tutorials

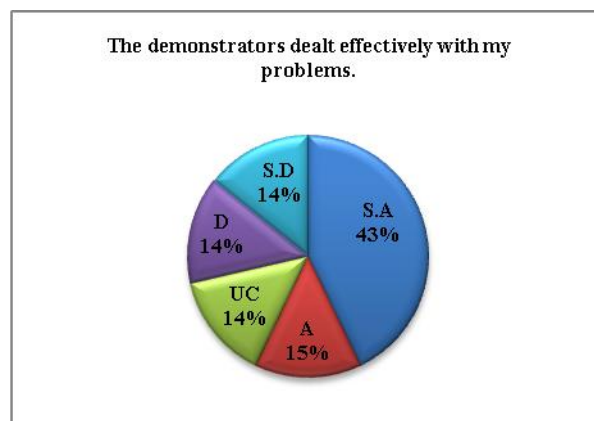


The tutor dealt effectively with my problems



The materials in practical was useful





General Comments of Students about this course

Strength:

- Always well prepared for the lecture
- Encourage the questions in the class

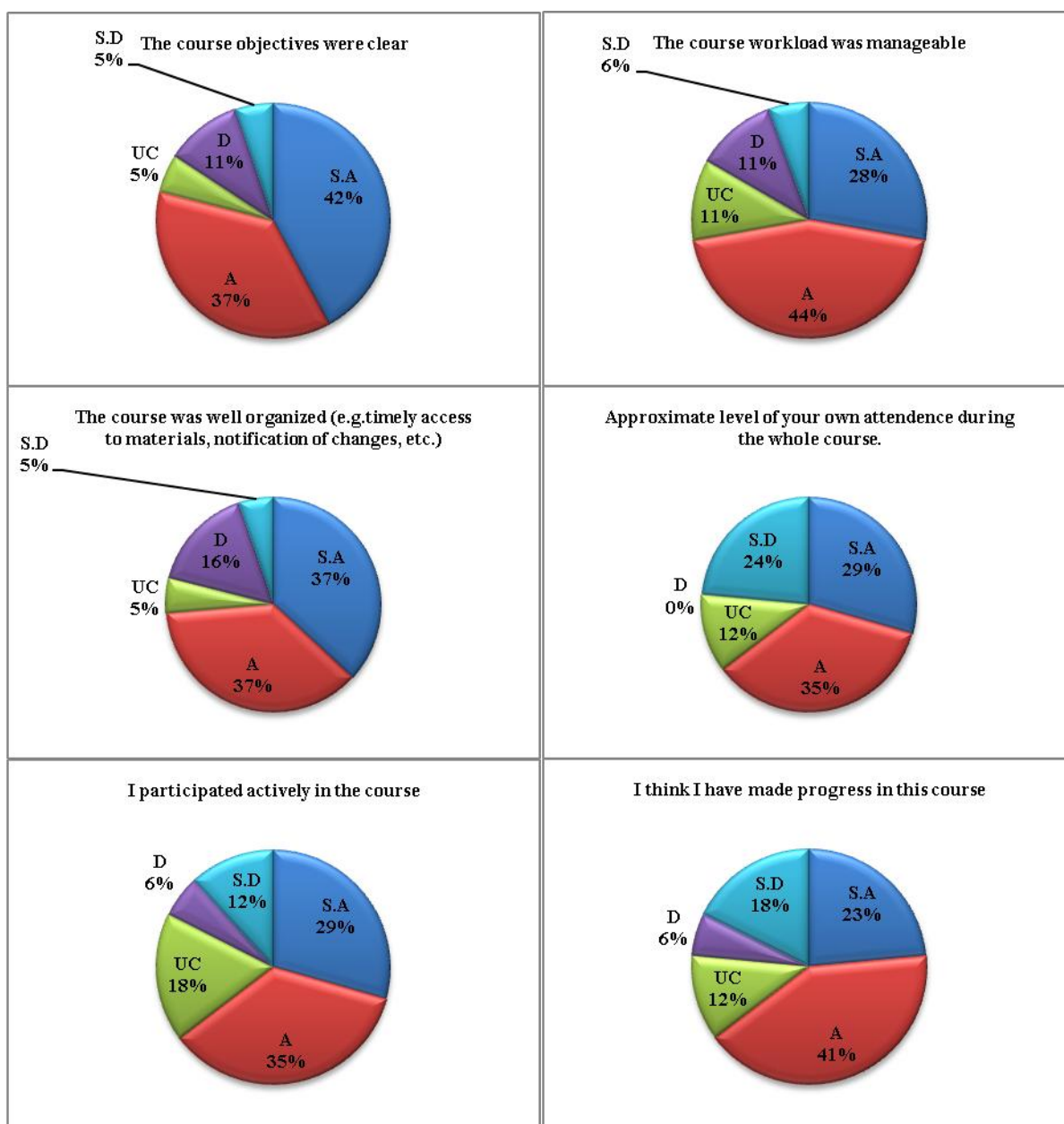
Weaknesses:

- More lab time required
- More reference material required.
- Timely feedback required.

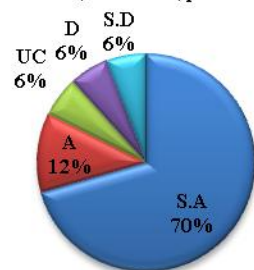
CS-400 (Mr. Nasir Mehmood)

The pi chat shows the details of the evaluation. The instructor recommended relevant and appropriate reading books for this course. The graph “Recommended reading books etc. were relevant and appropriate” it reflects that, 35% strongly agreed, 47% agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The pace of the course was excellent as shown in the graph “The pace of the course was appropriate”, 26% strongly agreed, 53% agreed, 11% are uncertain, 5% disagreed and 5% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph “I think the course was well constructed to achieve learning outcomes (there was a good balance of lecture, tutorials, practical etc.)”, 70% strongly agreed, 12% agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The course stimulated interest and thought of the students for this course. The graph “The course

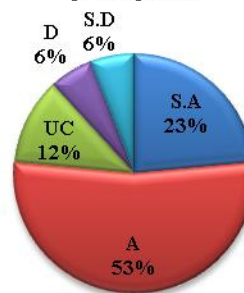
stimulated interest and thought on the subject area'', 37% strongly agreed, 48% agreed, 5% are uncertain, 5% disagreed and 5% strongly disagreed.



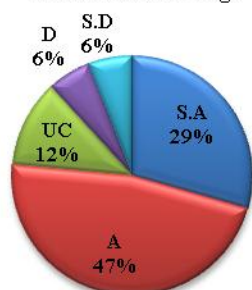
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



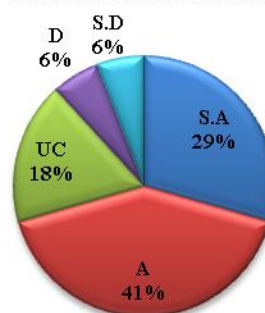
The learning and teaching methods encouraged participation.



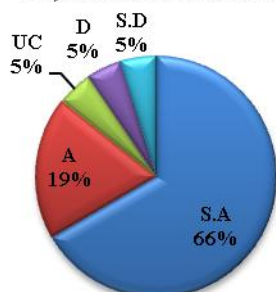
The overall environment in the class was conducive to learning.



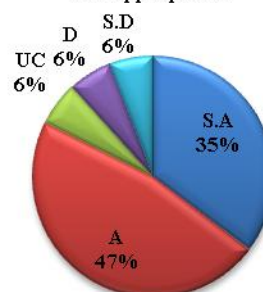
Classrooms were satisfactory



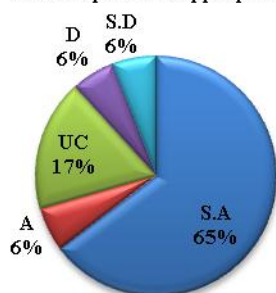
Learning materials (lesson plans, course notes etc.) were relevant and useful.



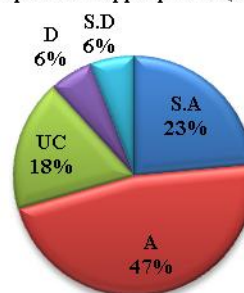
Recommended reading books etc. were relevant and appropriate.



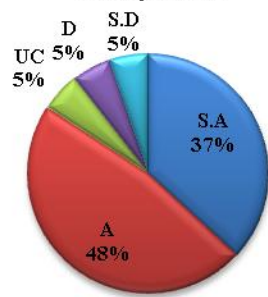
The provision of learning resources in the library was adequate and appropriate.



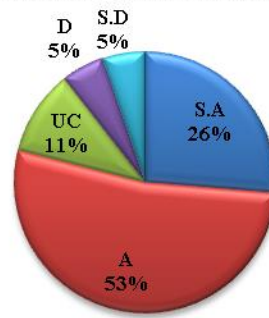
The provision of learning resources on the web was adequate and appropriate. (if relevant)



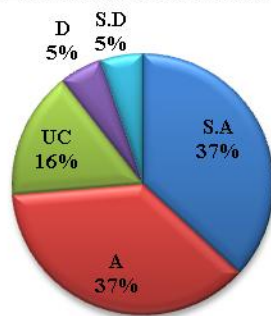
The course stimulated by interest and thought on the subject area.



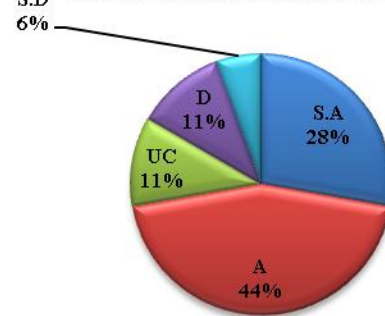
The pace of the course was appropriate



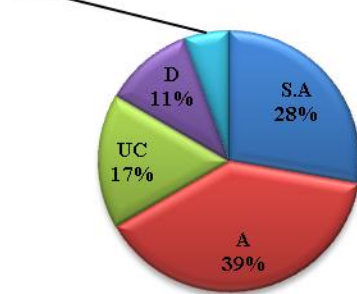
Ideas and concepts were presented clearly



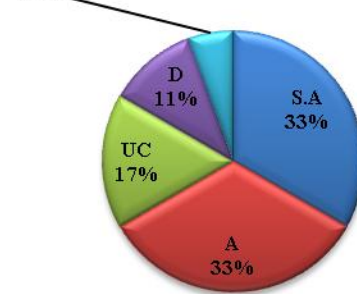
The method of assessment were reasonable



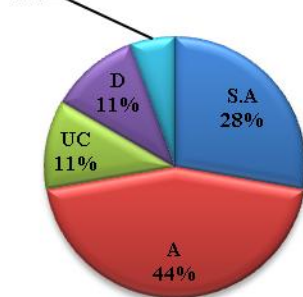
Feedback on assessment was timely



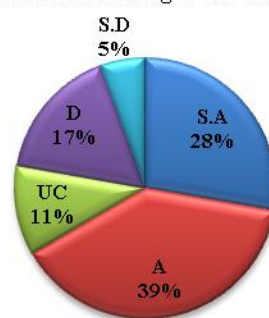
Feedback on assessment was helpful

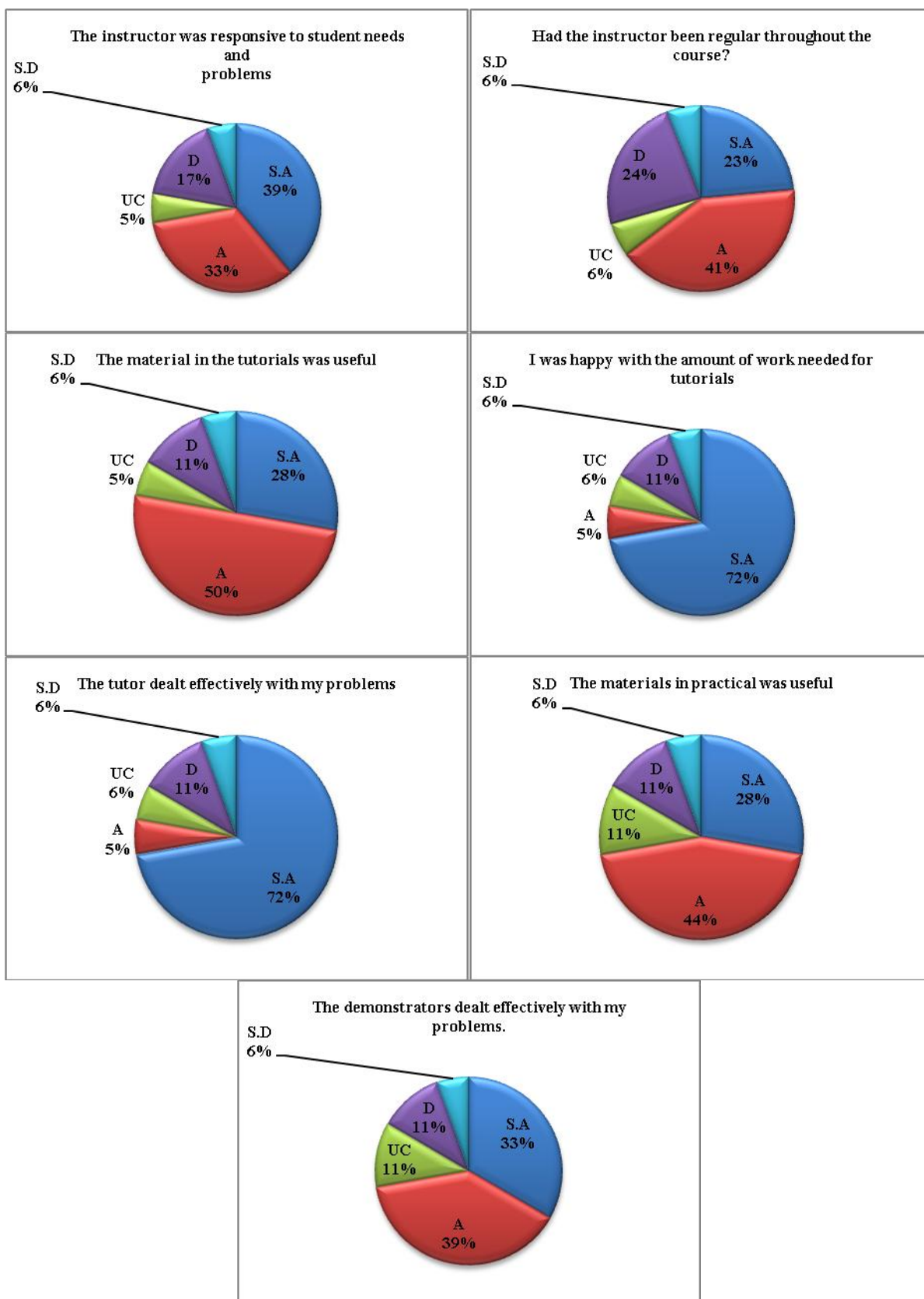


I understood the lectures



The material was well organized and presented





General Comments of Students about this course

Strength:

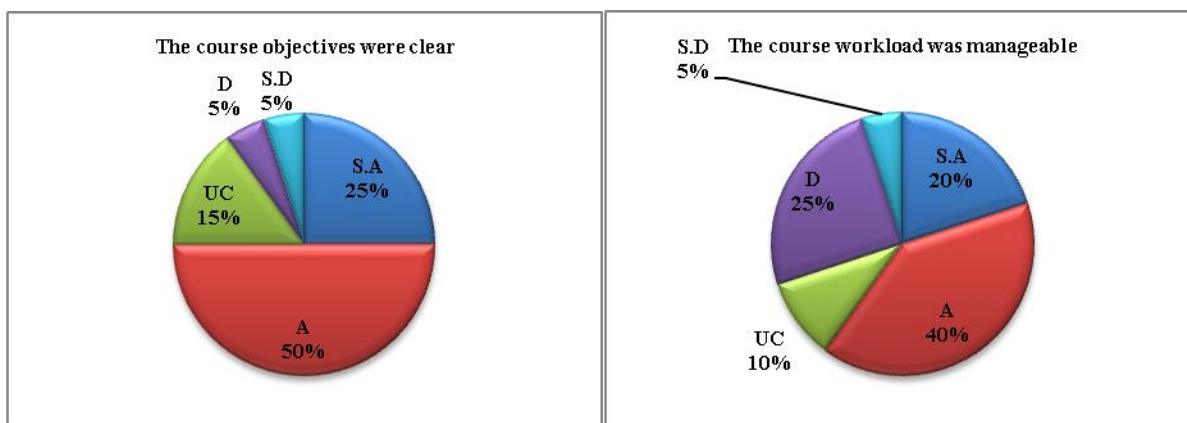
- Always well prepared for class
- Concepts are explained very well.

Weaknesses:

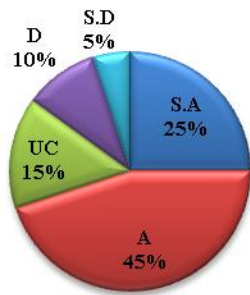
- More workload

CS-400 (Mr. Muhammad Nazir)

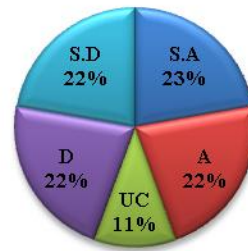
The pie chart shows the details of the evaluation. The course stimulated interest and thought in the students for this course. The graph “The course stimulated interest and thought on the subject area”, 20% strongly agreed, 60% agreed, 10% are uncertain, 5% disagreed and 5% strongly disagreed. The instructor recommended relevant and appropriate reading material for this course. The graph “Recommended reading materials were relevant and appropriate” reflects this, 11% strongly agreed, 56% agreed, 17% are uncertain, 11% disagreed and 5% strongly disagreed. Teaching methodology encouraged student participation for this course. This can be seen from the graph, “The learning and teaching methods encouraged participation”, 21% strongly agreed, 53% agreed, 16% are uncertain, 5% disagreed and 5% strongly disagreed. There were enough library resources available for this course. This is shown in the graph “The provision of learning resources in the library were adequate and appropriate”, 14% strongly agreed, 33% agreed, 38% are uncertain, 10% disagreed and 5% strongly disagreed.



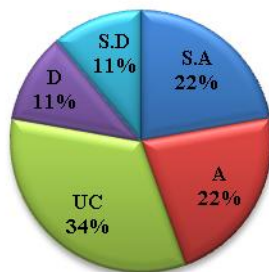
The course was well organized (e.g. timely access to materials, notification of changes, etc.)



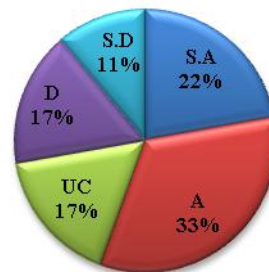
Approximate level of your own attendance during the whole course.



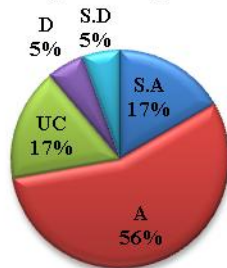
I participated actively in the course



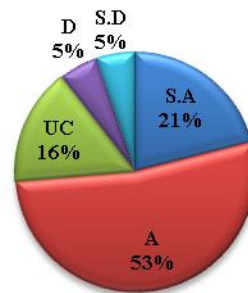
I think I have made progress in this course



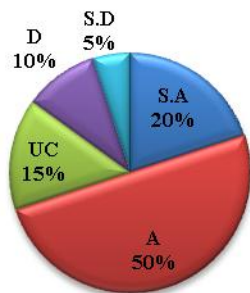
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



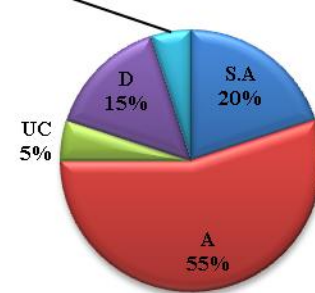
The learning and teaching methods encouraged participation.

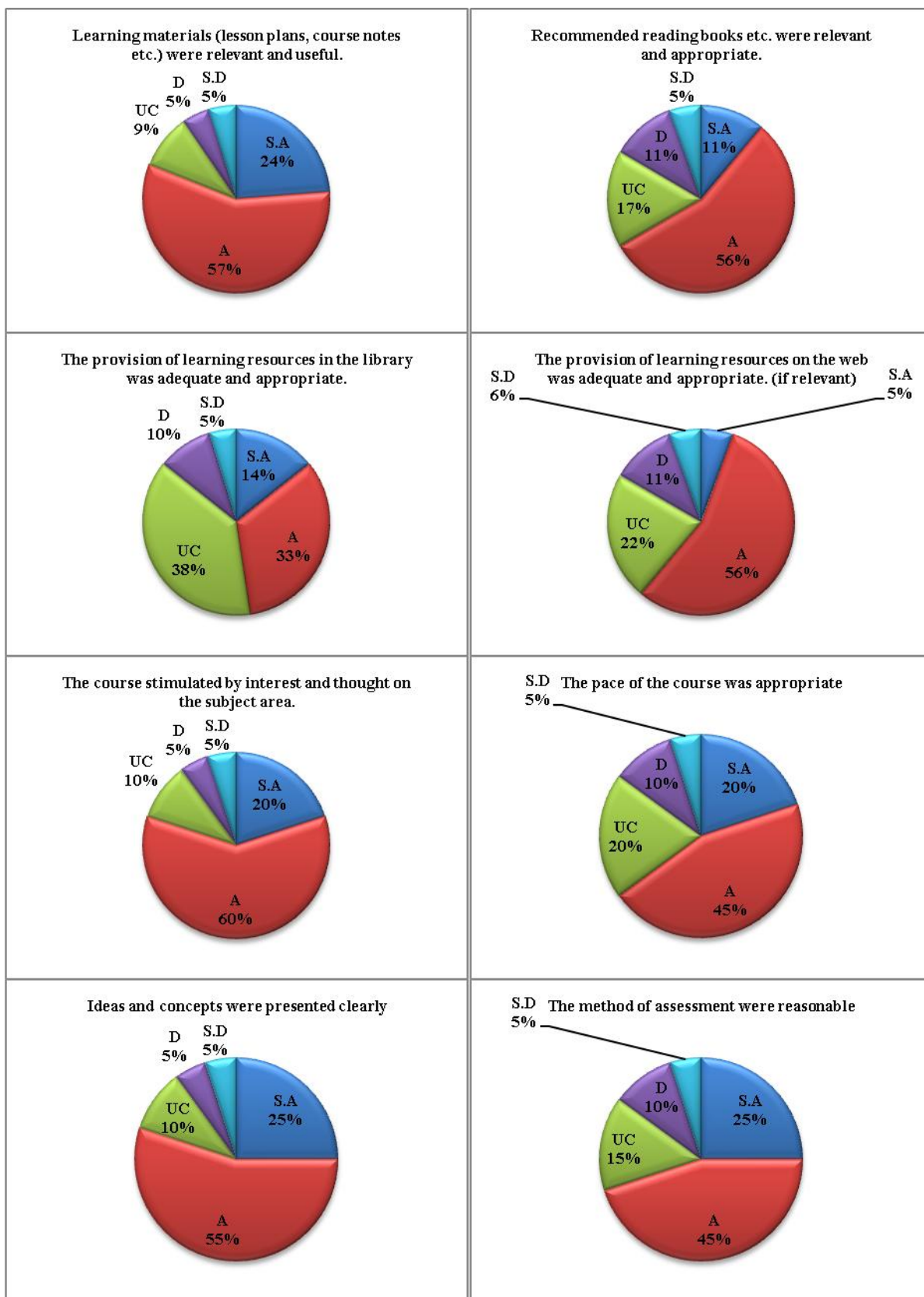


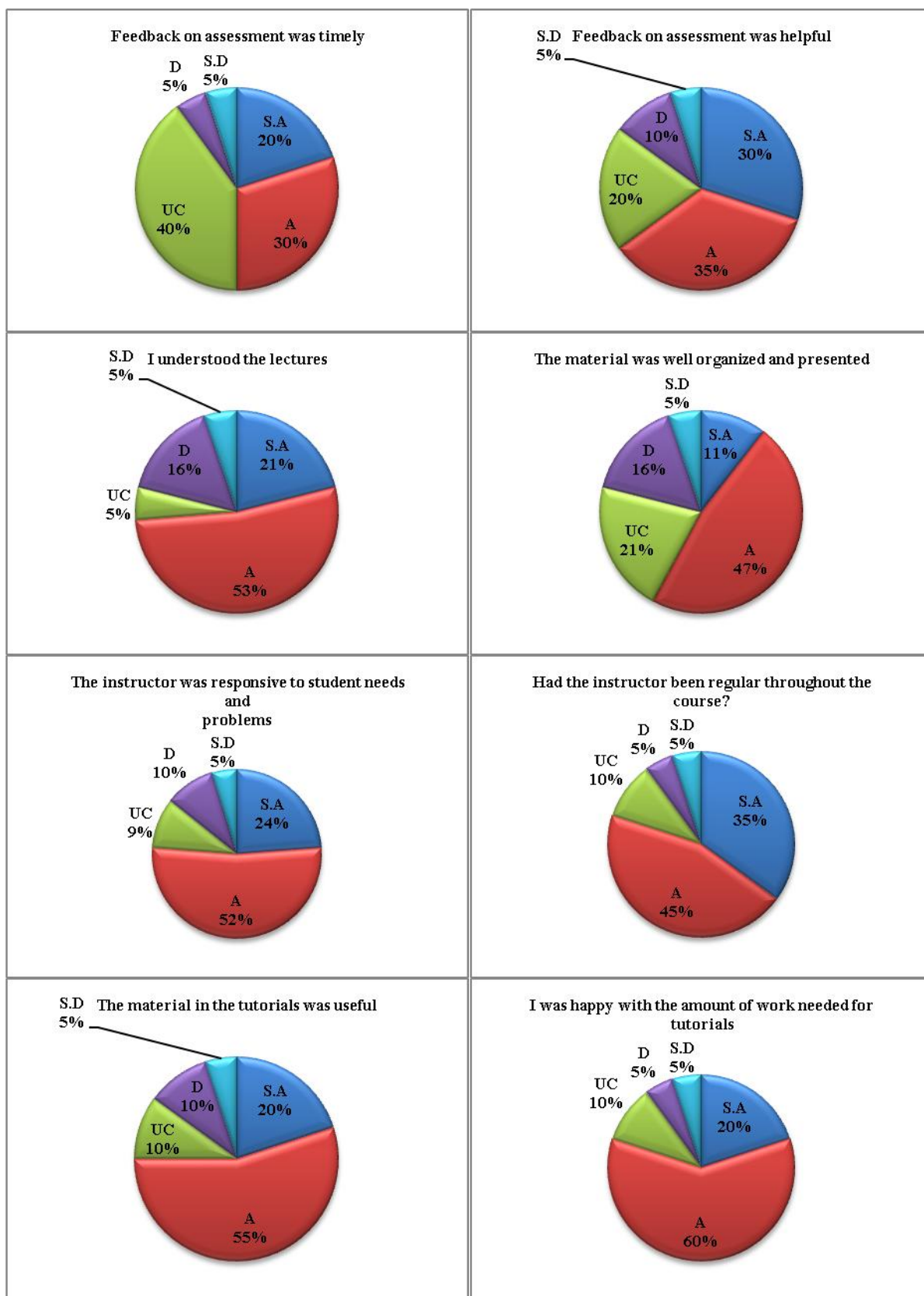
The overall environment in the class was conducive to learning.

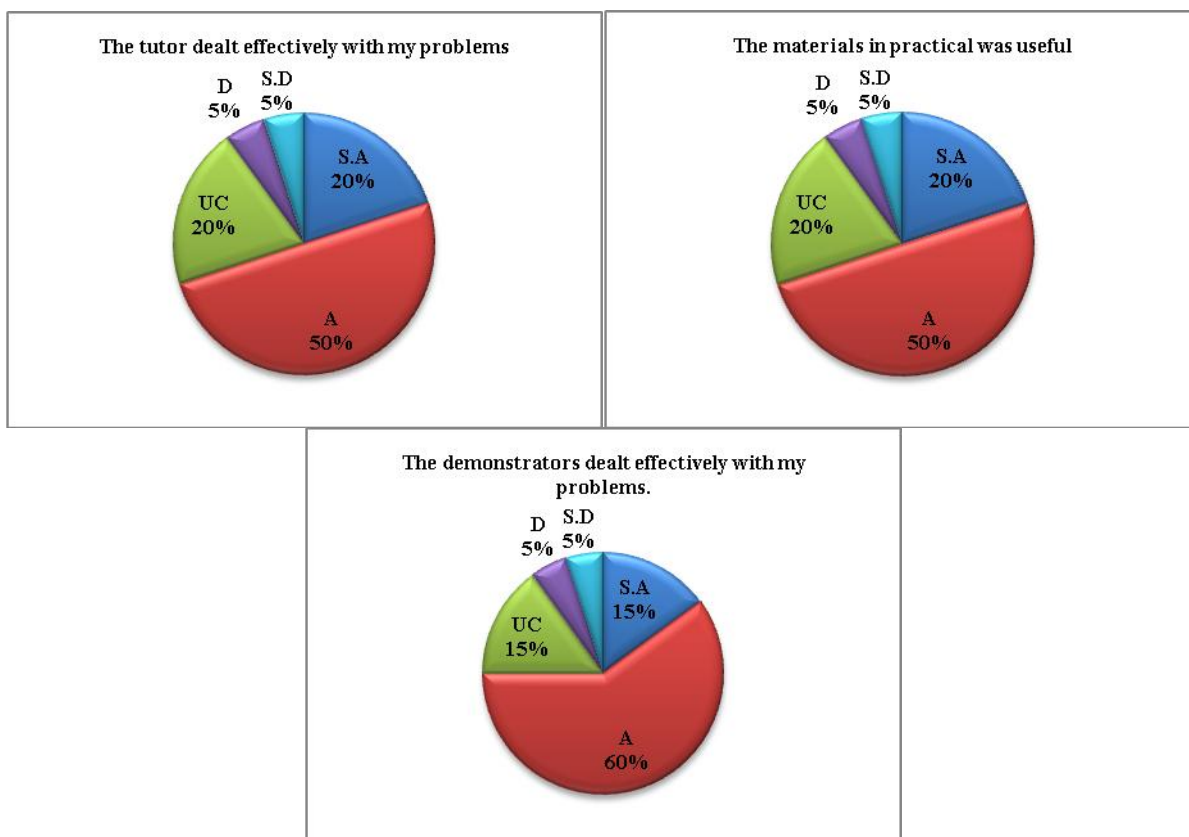


S.D Classrooms were satisfactory









General Comments of Students about this course

Strength:

- Well prepared objectives
- Timely feedback on the assessment.

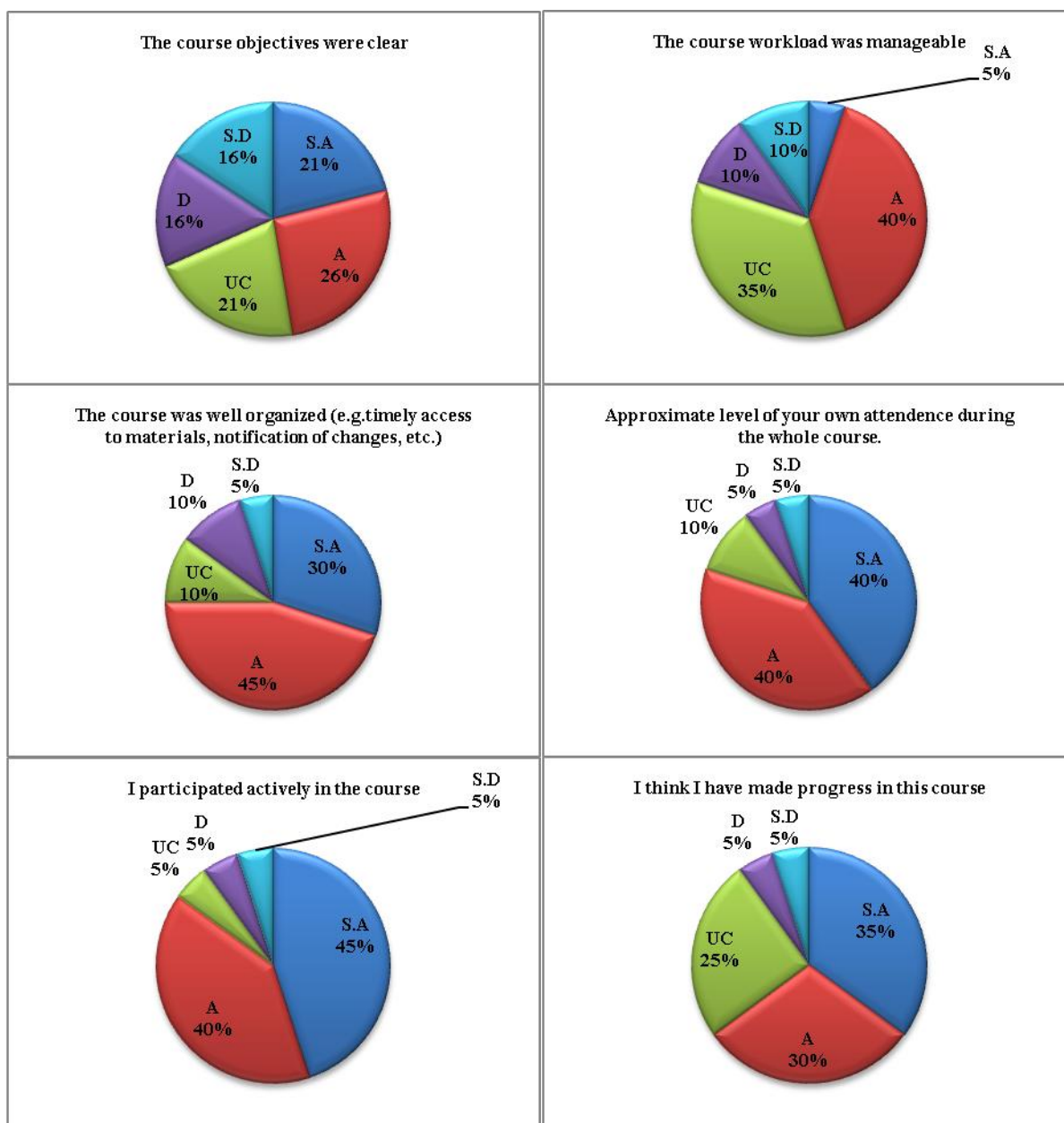
Weaknesses:

- Reduce course outline

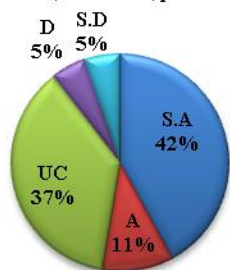
CS-685 (Dr. Nawazish Naveed)

The pie chart shows the details of the evaluation. The pace of the course was excellent as shown in the graph “The pace of the course was appropriate”, 32% strongly agreed, 47% agreed, 5% are uncertain, 5% disagreed and 11% strongly disagreed. The course stimulated interest and thought in the students in this course. The graph “The course stimulated interest and thought on the subject area”, 35% strongly agreed, 40% agreed, 10% are uncertain, 5% disagreed and 10% strongly disagreed. The instructor recommended relevant and appropriate reading material for

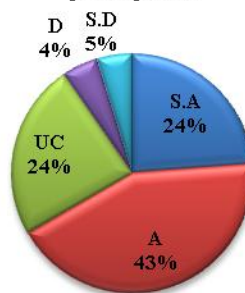
this course. The graph “Recommended reading materials were relevant and appropriate” reflects that, 33% strongly agreed, 48% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. The instructor proved to be very helping. The graph “The instructor was responsive to student needs and problems indicates this, 38% strongly agreed, 38% agreed, 14% are uncertain, 5% disagreed and 5% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 5% strongly agreed, 40% agreed, 35% are uncertain, 10% disagreed and 10% strongly disagreed.



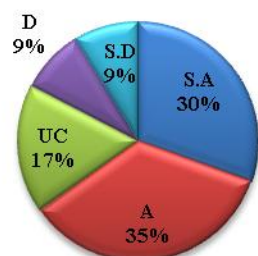
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



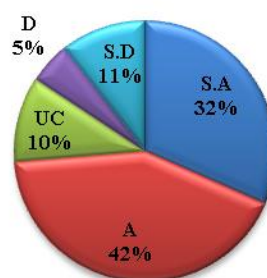
The learning and teaching methods encouraged participation.



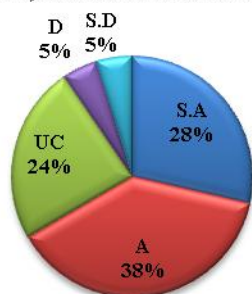
The overall environment in the class was conducive to learning.



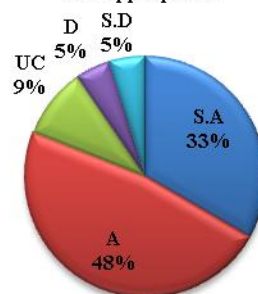
Classrooms were satisfactory



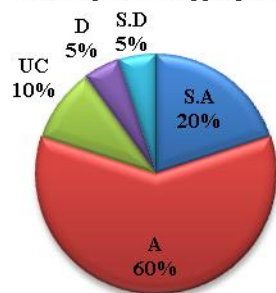
Learning materials (lesson plans, course notes etc.) were relevant and useful.



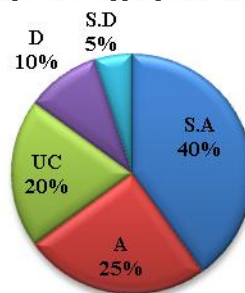
Recommended reading books etc. were relevant and appropriate.

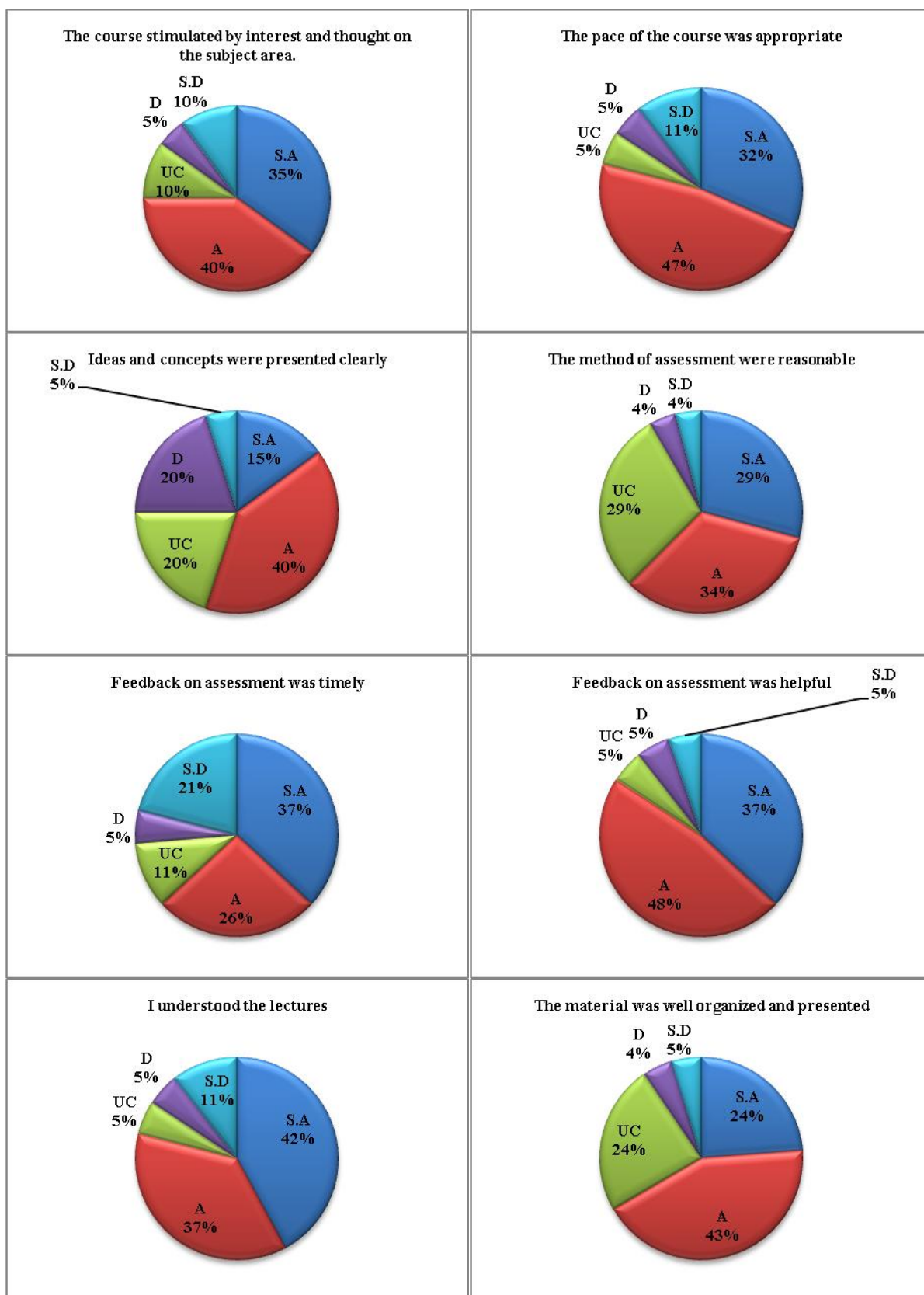


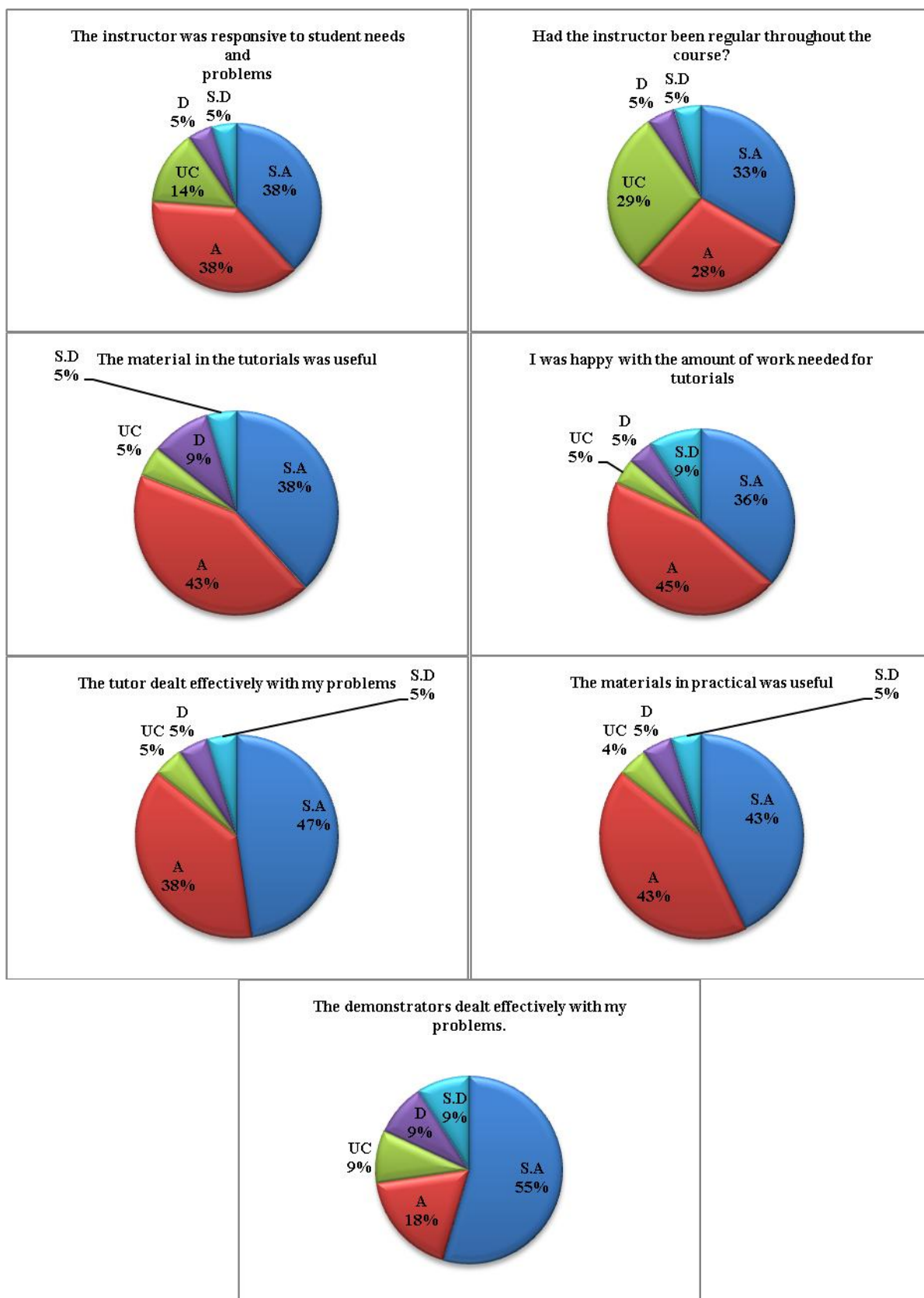
The provision of learning resources in the library was adequate and appropriate.



The provision of learning resources on the web was adequate and appropriate. (if relevant)







General Comments of Students about this course

Strength:

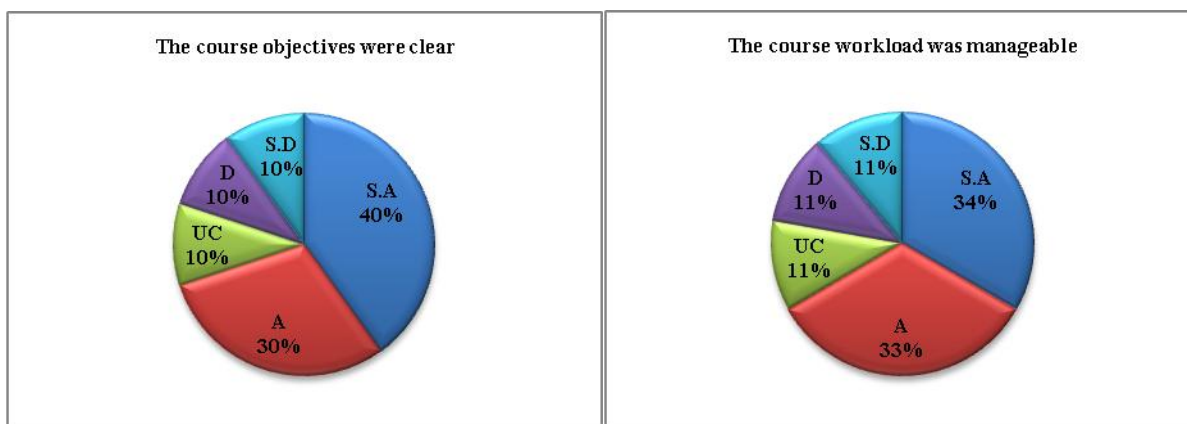
- Well prepared for lectures.
- Answer the questions in good way.

Weaknesses:

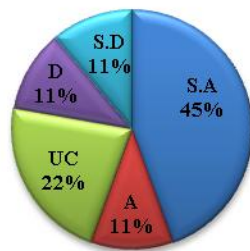
- More use of white board.
- More reference material should be provided.

CS-465 (Mr. Syed Mushhad Gilani)

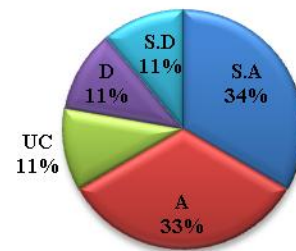
The pie chart shows the details of the evaluation. The course was managed at a good pace by the teacher. This can be seen in the graph “The pace of the course was appropriate”, 34% strongly agreed, 33% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph “I think the course was well constructed to achieve learning outcomes (there was a good balance of lecture, tutorials, practical etc.)”, 22% strongly agreed, 45% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. Teacher’s teaching methodology encouraged students to participate in the course. The graph “The learning and teaching methods encouraged participation” indicates this, 45% strongly agreed, 22% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The instructor maintained a good clarity of presenting ideas and concepts throughout the course. The graph “Ideas and concepts were presented clearly” reflects this, 34% strongly agreed, 33% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed.



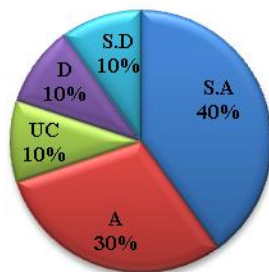
The course was well organized (e.g.timely access to materials, notification of changes, etc.)



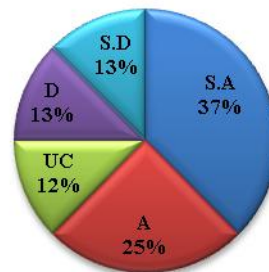
Approximate level of your own attendance during the whole course.



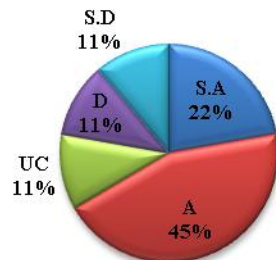
I participated actively in the course



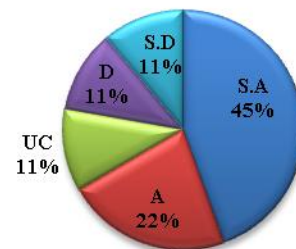
I think I have made progress in this course



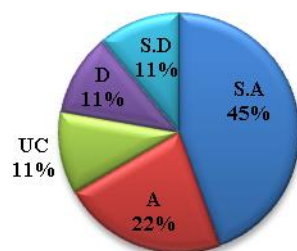
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



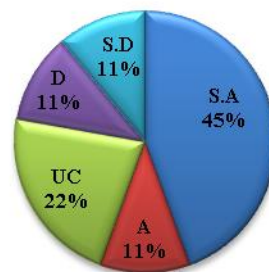
The learning and teaching methods encouraged participation.



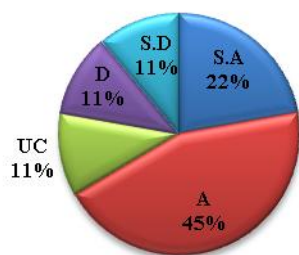
The overall environment in the class was conducive to learning.



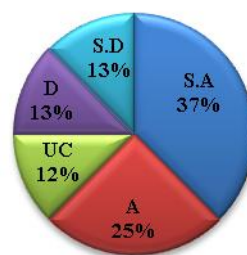
Classrooms were satisfactory



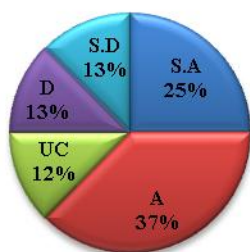
Learning materials (lesson plans, course notes etc.) were relevant and useful.



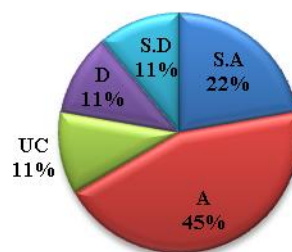
Recommended reading books etc. were relevant and appropriate.



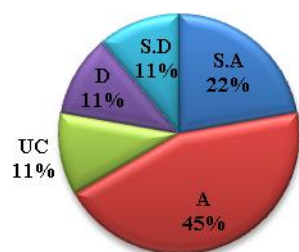
The provision of learning resources in the library was adequate and appropriate.



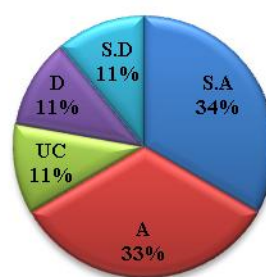
The provision of learning resources on the web was adequate and appropriate. (if relevant)



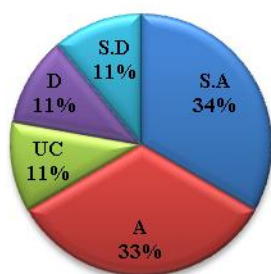
The course stimulated by interest and thought on the subject area.



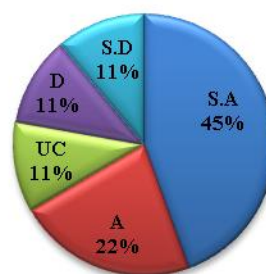
The pace of the course was appropriate



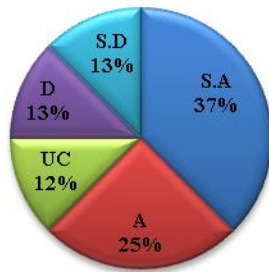
Ideas and concepts were presented clearly



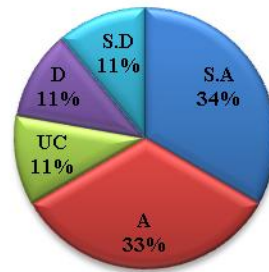
The method of assessment were reasonable



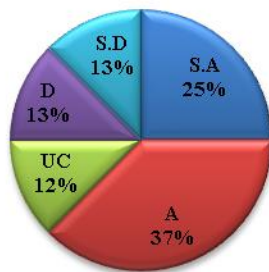
Feedback on assessment was timely



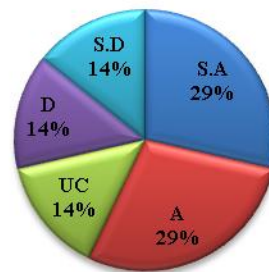
Feedback on assessment was helpful



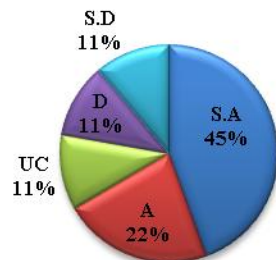
I understood the lectures



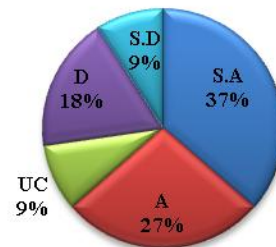
The material was well organized and presented



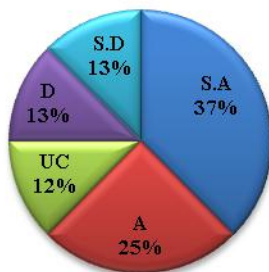
The instructor was responsive to student needs and problems



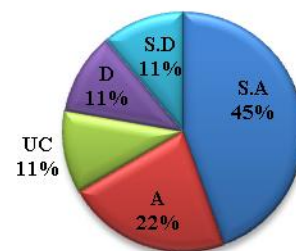
Had the instructor been regular throughout the course?

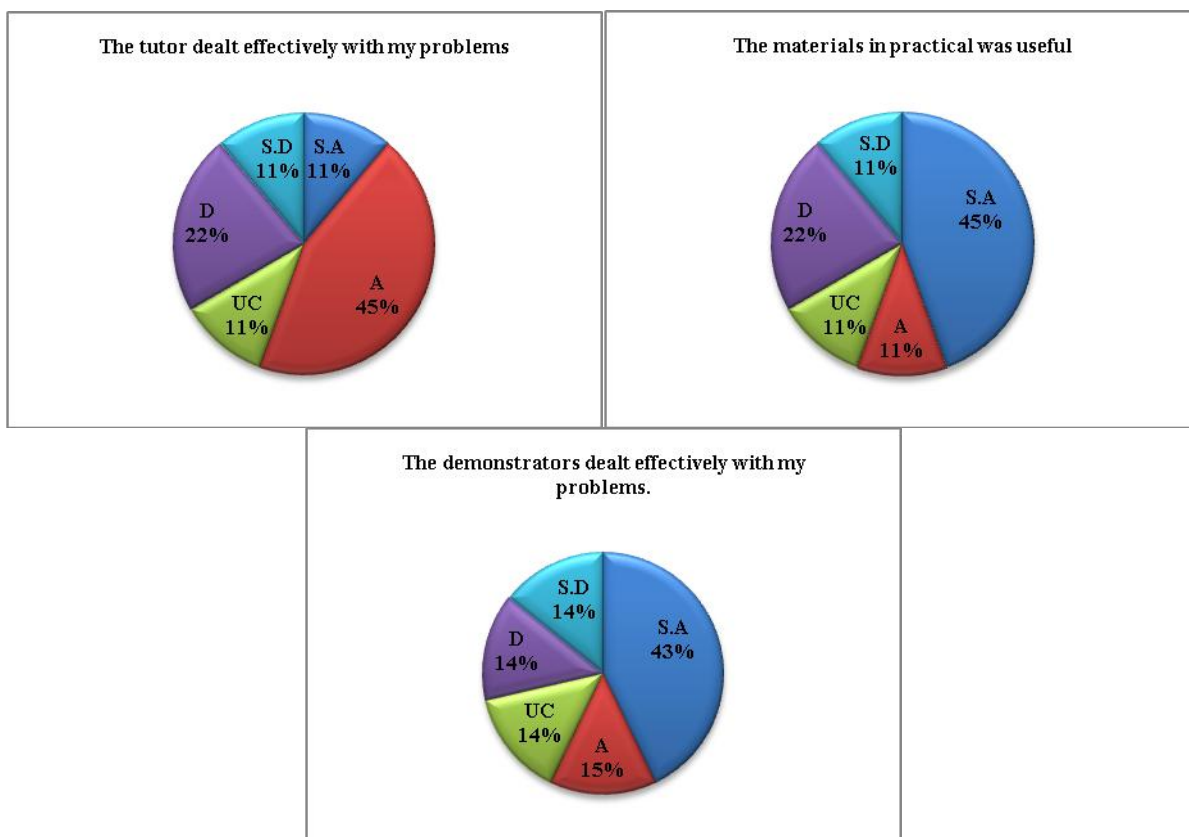


The material in the tutorials was useful



I was happy with the amount of work needed for tutorials





General Comments of Students about this course

Strength:

- Always well prepared for the lecture
- Encourage the questions in the class

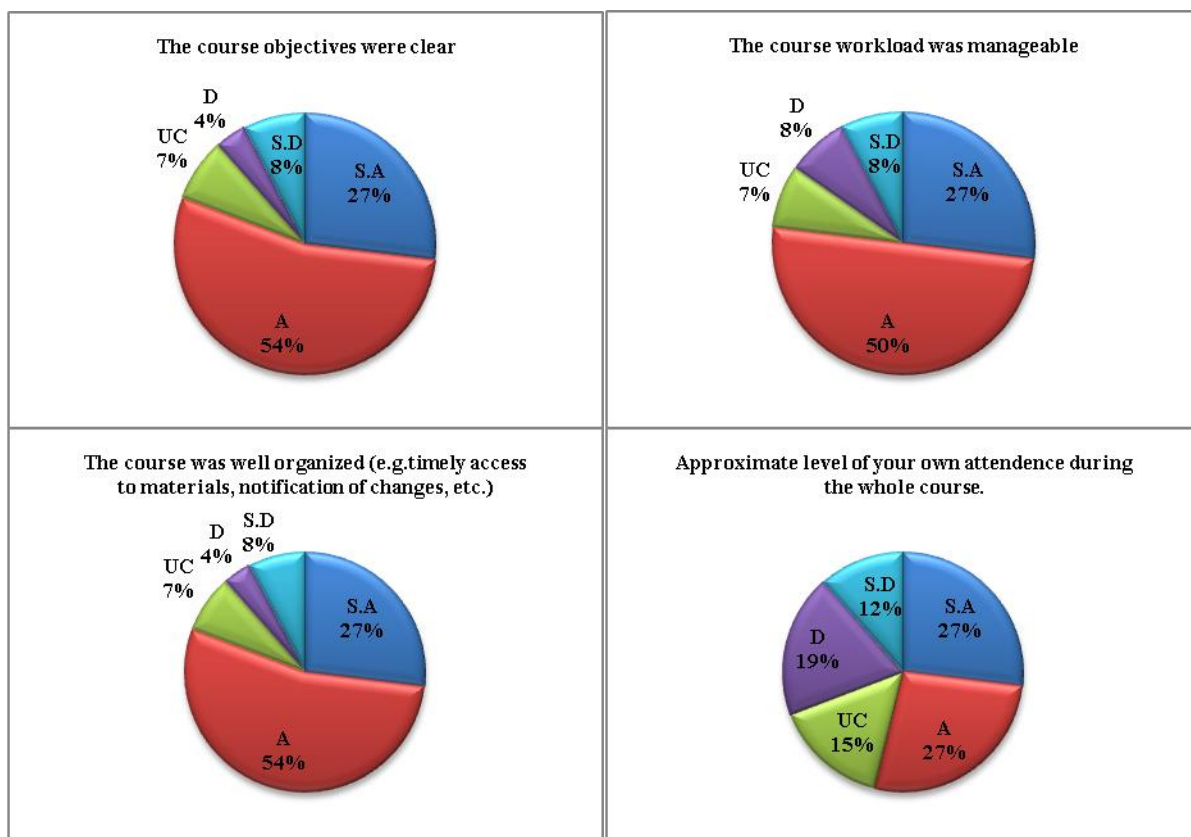
Weaknesses:

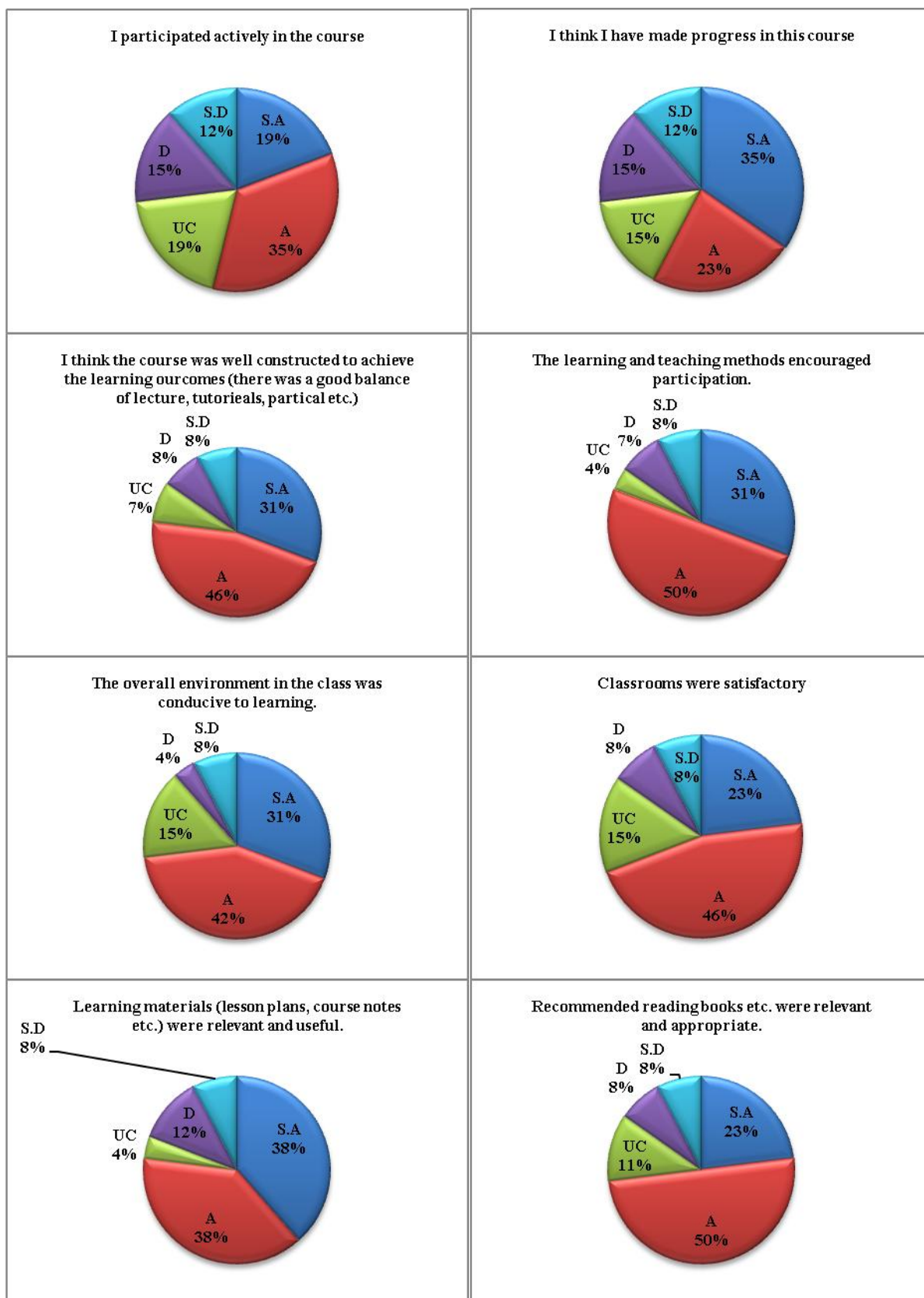
- More practicals are required
- More reference material required.
- Timely feedback required.

CS-577 (Mr. Syed Mushhad Gilani)

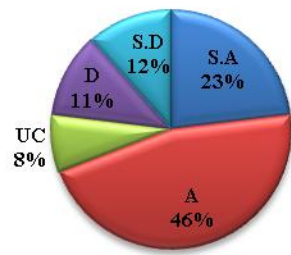
The pie chart shows the details of the evaluation. The course objectives were clear. The graph “The Course Objectives were clear” indicates that 27% strongly agreed, 54% agreed, 7% are uncertain, 4% disagreed and 8% strongly disagreed. The teacher has managed the course

workload very well. The graph “The Course workload was manageable ” show that 27% strongly agreed, 50% agreed, 7% are uncertain, 8% disagreed and 8% strongly disagreed. The pace of the course was excellent as shown in the graph “The pace of the course was appropriate” indicates that 15% strongly agreed, 61% agreed, 8% are uncertain, 8% disagreed and 8% strongly disagreed. The concepts in this course were well explained. The graph “Ideas and concepts were presented clearly” indicates that 31% strongly agreed, 46% agreed, 7% are uncertain, 8% disagreed and 8% strongly disagreed. The course lectures were well understood by the students. The graph “I understood the lectures indicates that 22% strongly agreed, 56% agreed, 4% are uncertain, 11% disagreed and 7% strongly disagreed.

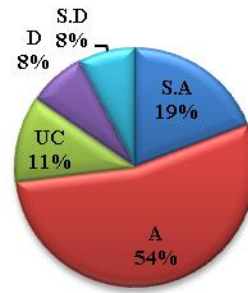




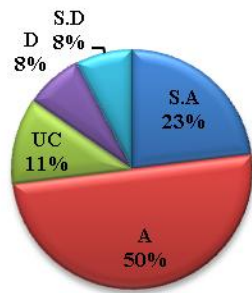
The provision of learning resources in the library was adequate and appropriate.



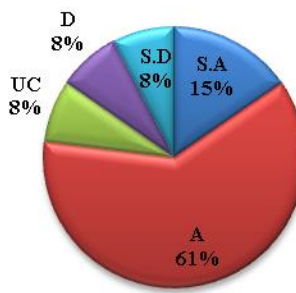
The provision of learning resources on the web was adequate and appropriate. (if relevant)



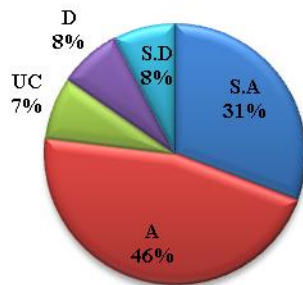
The course stimulated by interest and thought on the subject area.



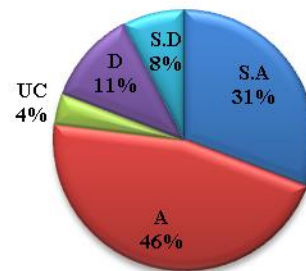
The pace of the course was appropriate



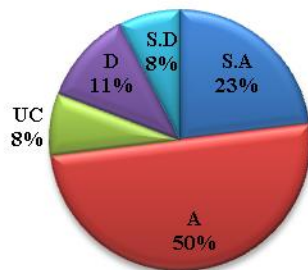
Ideas and concepts were presented clearly



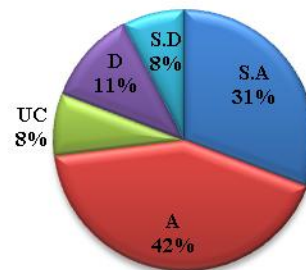
The method of assessment were reasonable



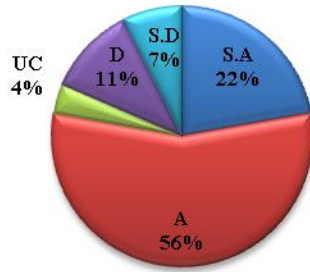
Feedback on assessment was timely



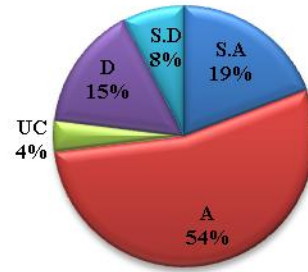
Feedback on assessment was helpful



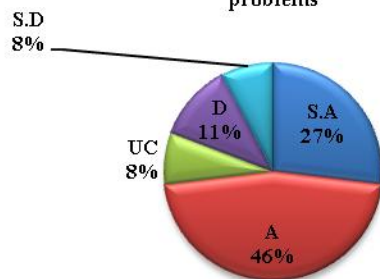
I understood the lectures



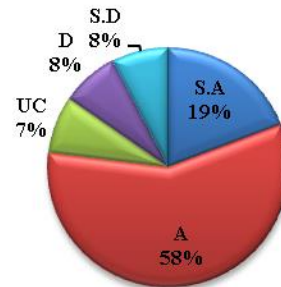
The material was well organized and presented



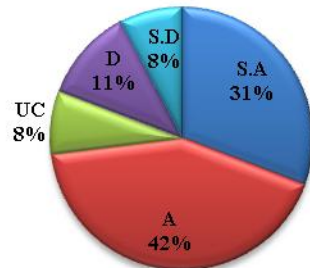
The instructor was responsive to student needs and problems



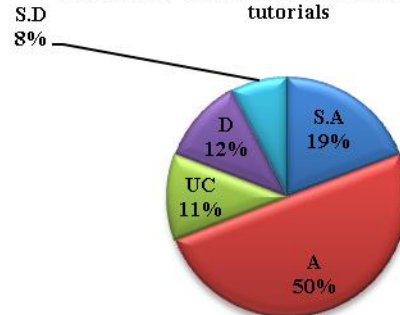
Had the instructor been regular throughout the course?

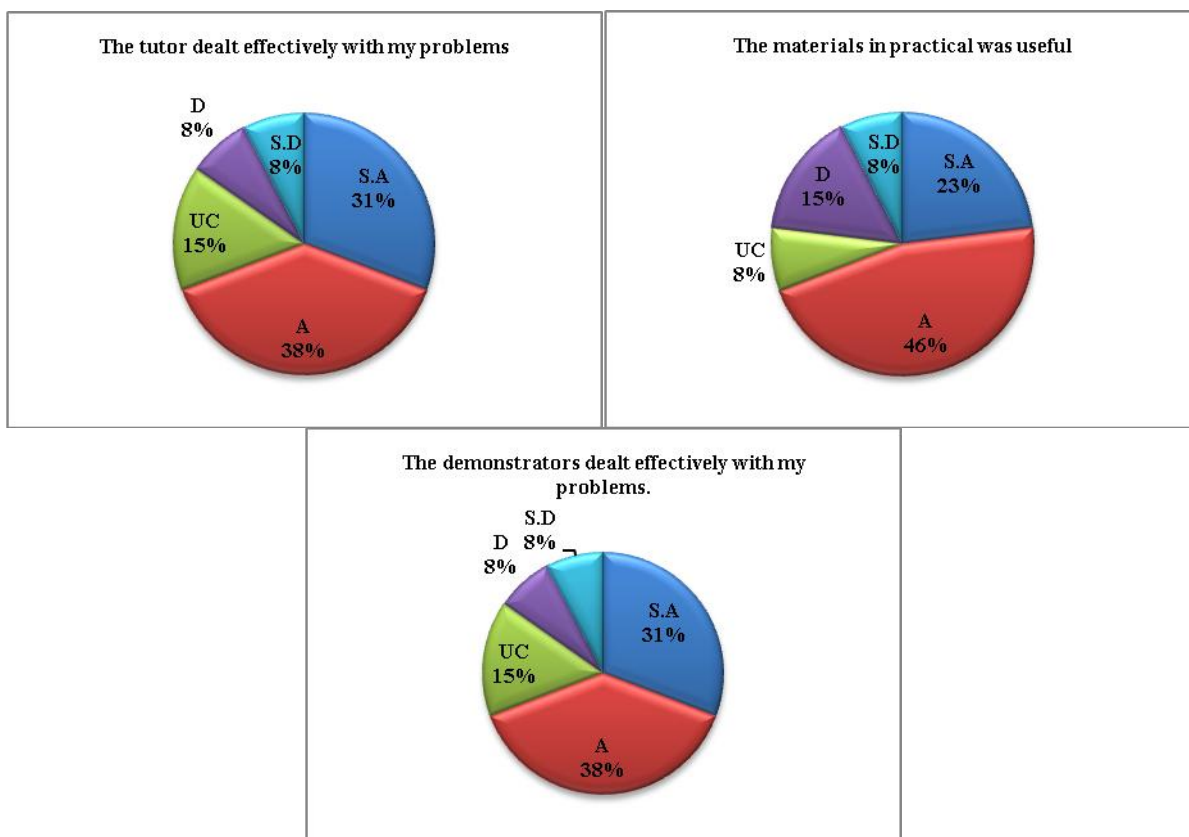


The material in the tutorials was useful



I was happy with the amount of work needed for tutorials





General Comments of Students about this course:

Strengths :

- Concepts are well explained.
- Reasonable work load
- Good pace
- The course objectives were clear

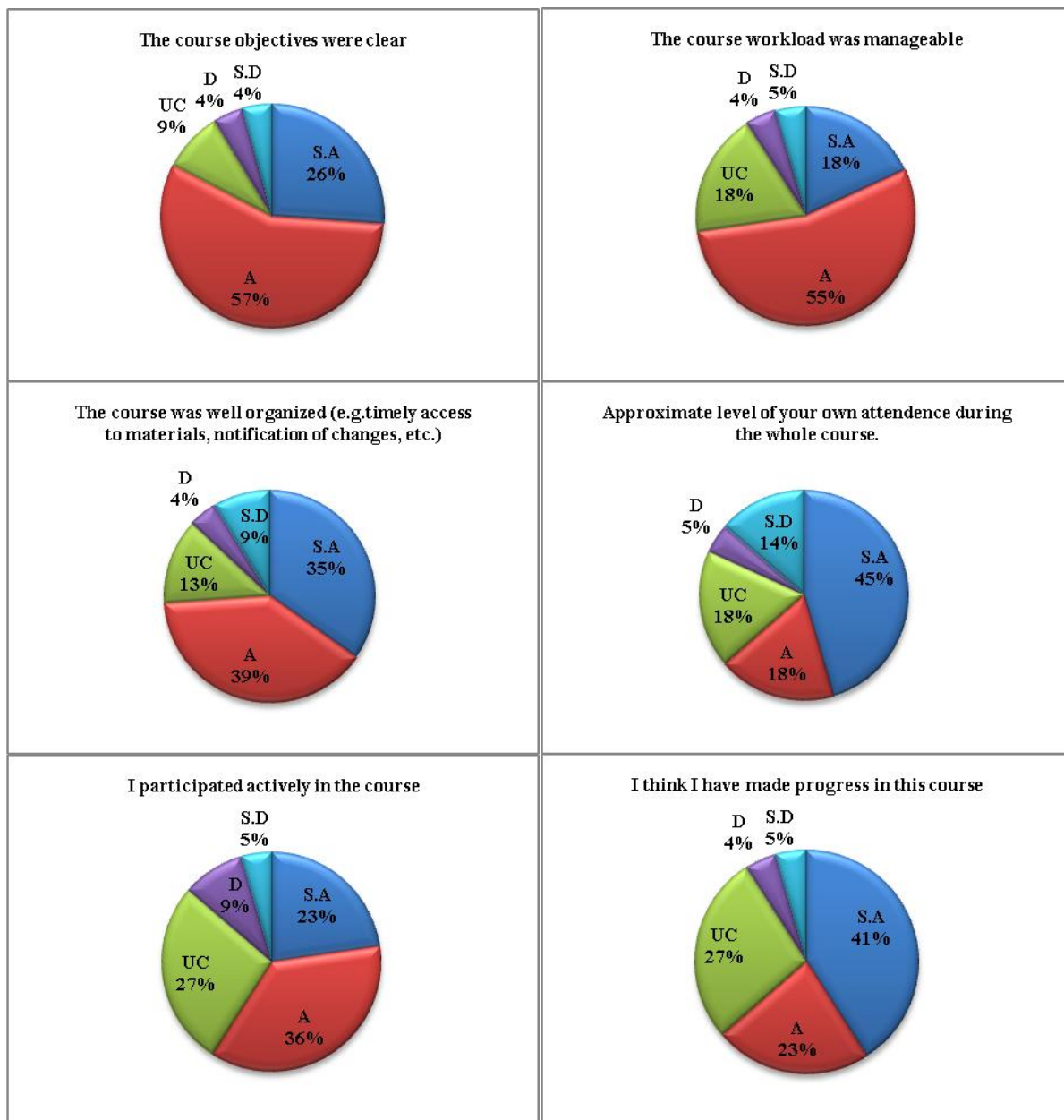
Weaknesses:

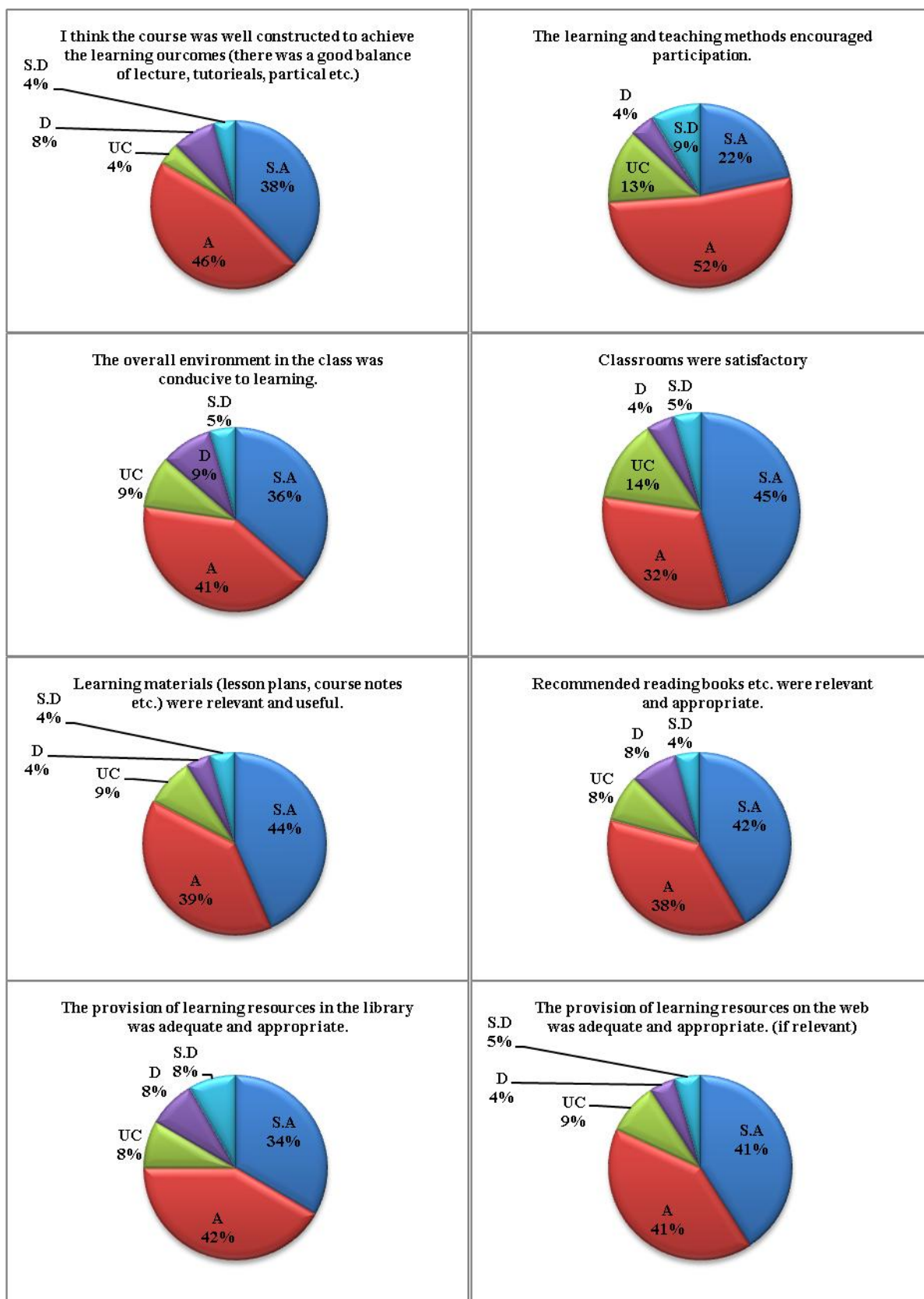
- Assessment feedback should be given on time.

CS-525 (Mr. Syed Mushhad Gilani)

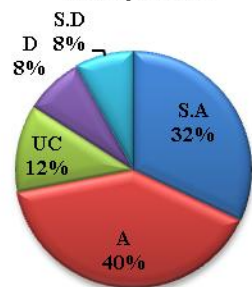
The graph shows the details of the evaluation. The graph “The course objective were clear” indicates this. 26% strongly agreed, 57% agreed, 9% are uncertain, 4% disagreed and 4% strongly disagreed. The instructor also provides additional study material apart from the text to students. The graph “The course workload was manageable “ reflects this. 18% strongly agreed, 55% agreed, 18% are uncertain, 4% disagreed and 5% strongly disagreed. This can be seen in the graph “The course is well organized” 35% strongly agreed, 39% agreed, 13% are uncertain,

4% disagreed and 9% strongly disagreed. “The material in the tutorial was useful” 33% strongly agreed, 52% agreed, 5% are uncertain, 5% disagreed and 3% strongly disagreed. “The feedback on assessment was timely. 27% strongly agreed, 50% agreed, 14% are uncertain, 4% disagreed and 5% strongly disagreed. “ The pace of the course was appropriate “ 31% strongly agreed, 52% agreed, 9% are uncertain, 4% disagreed and 4% strongly disagreed.” The instructor had made progress in this course“ 41% strongly agreed, 23% agreed, 27% are uncertain, 4% disagreed and 5% strongly disagreed.

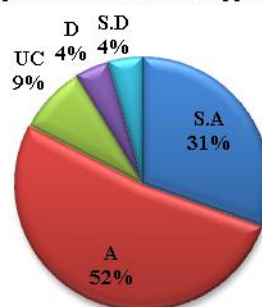




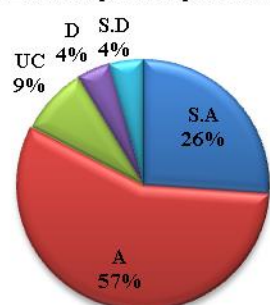
The course stimulated by interest and thought on the subject area.



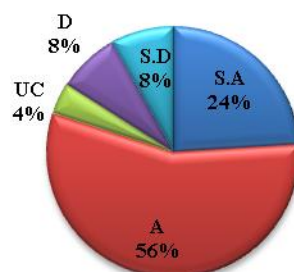
The pace of the course was appropriate



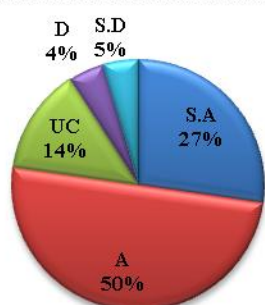
Ideas and concepts were presented clearly



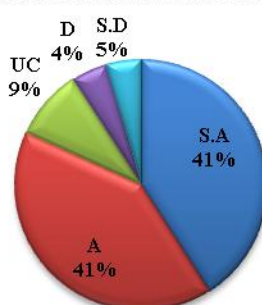
The method of assessment were reasonable



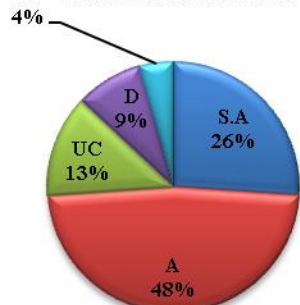
Feedback on assessment was timely



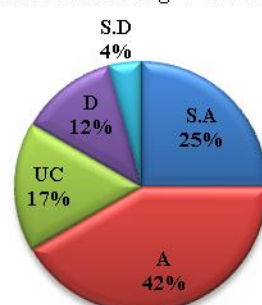
Feedback on assessment was helpful

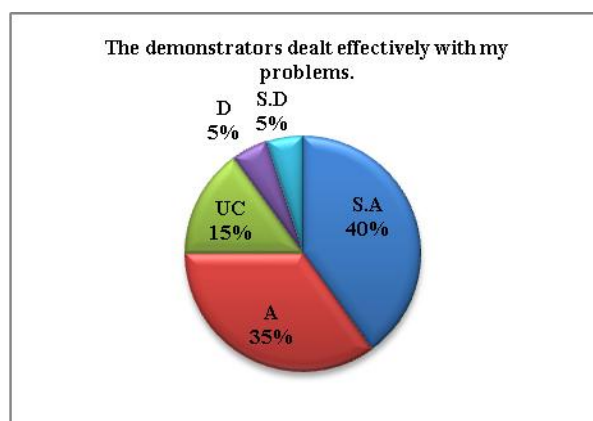
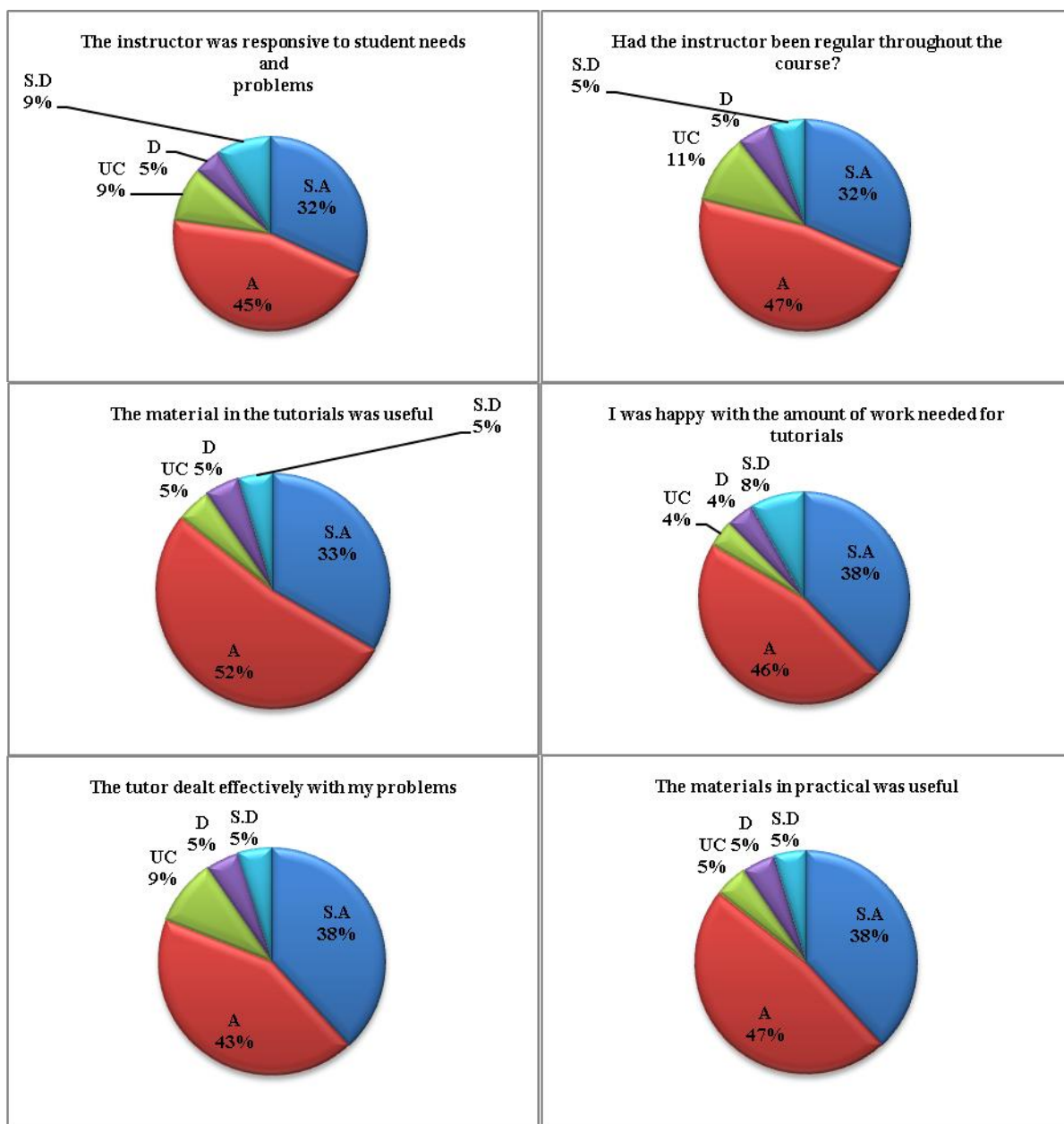


I understood the lectures



The material was well organized and presented





General Comments of Students about this course

Strength:

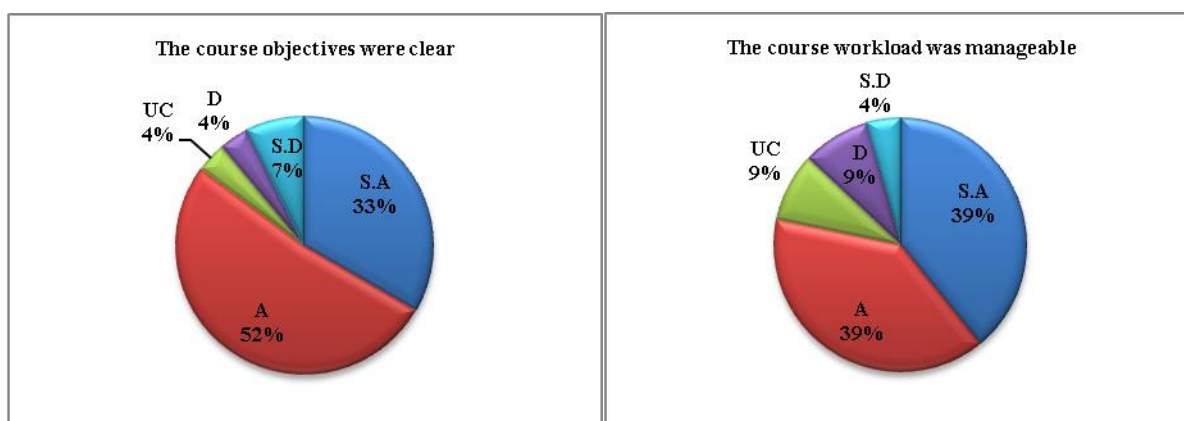
- The course objectives were clear.
- Well prepared for the lecture and feedback on assessment on time.

Weakness:

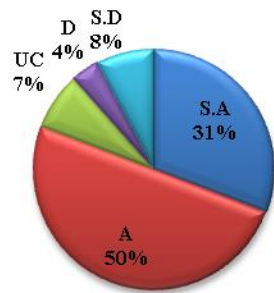
- Inadequate library resources for this course

CS-685 (Mr. Muhammad Ramzan)

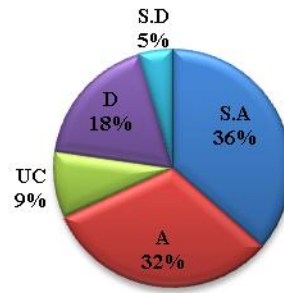
The graph shows the details of the evaluation. The graph “The course objective were clear” indicates this. 33% strongly agreed, 52% agreed, 4% are uncertain, 4% disagreed and 7% strongly disagreed. The instructor also provides additional study material apart from the text to students. The graph “The course workload was manageable “ reflects this. 39% strongly agreed, 39% agreed, 9% are uncertain, 9% disagreed and 4% strongly disagreed. This can be seen in the graph “The course is well organized” 31% strongly agreed, 50% agreed, 7% are uncertain, 4% disagreed and 8% strongly disagreed. “The material in the tutorial was useful” 31% strongly agreed 48% agreed, 13% are uncertain, 4% disagreed and 4% strongly disagreed. “The feedback on assessment was timely. 37% strongly agreed, 32% agreed, 16% are uncertain, 10% disagreed and 5% strongly disagreed. “ The pace of the course was appropriate “.31% strongly agreed, 41% agreed, 17% are uncertain, 7% disagreed and 4% strongly disagreed.” The instructor had made progress in this course“ 36% strongly agreed, 27% agreed, 23% are uncertain, 5% disagreed and 9% strongly disagreed.



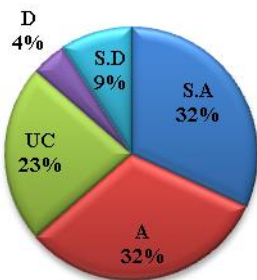
The course was well organized (e.g. timely access to materials, notification of changes, etc.)



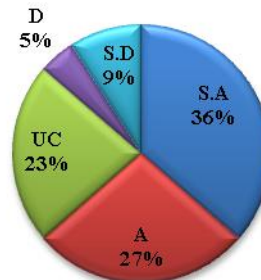
Approximate level of your own attendance during the whole course.



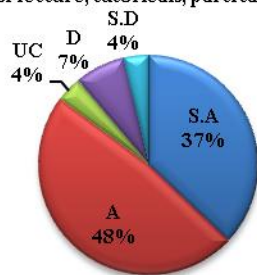
I participated actively in the course



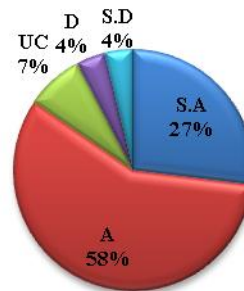
I think I have made progress in this course



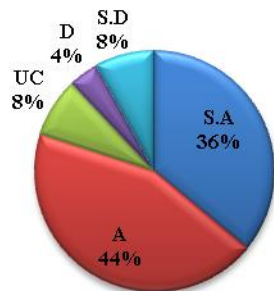
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



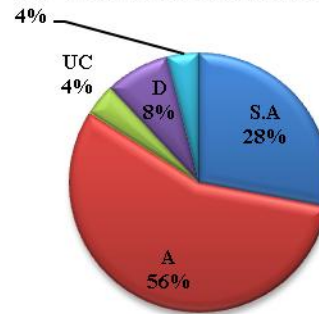
The learning and teaching methods encouraged participation.

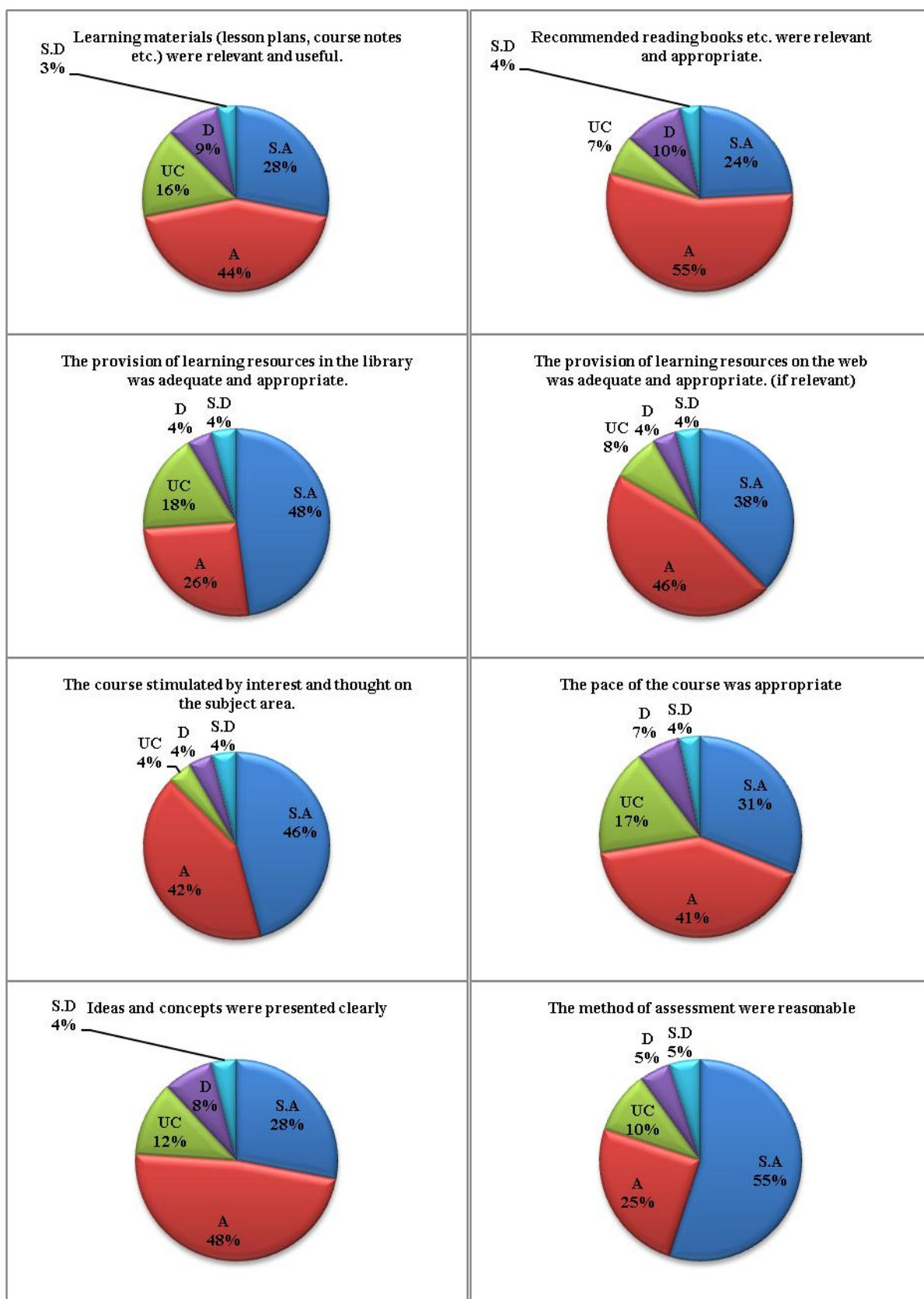


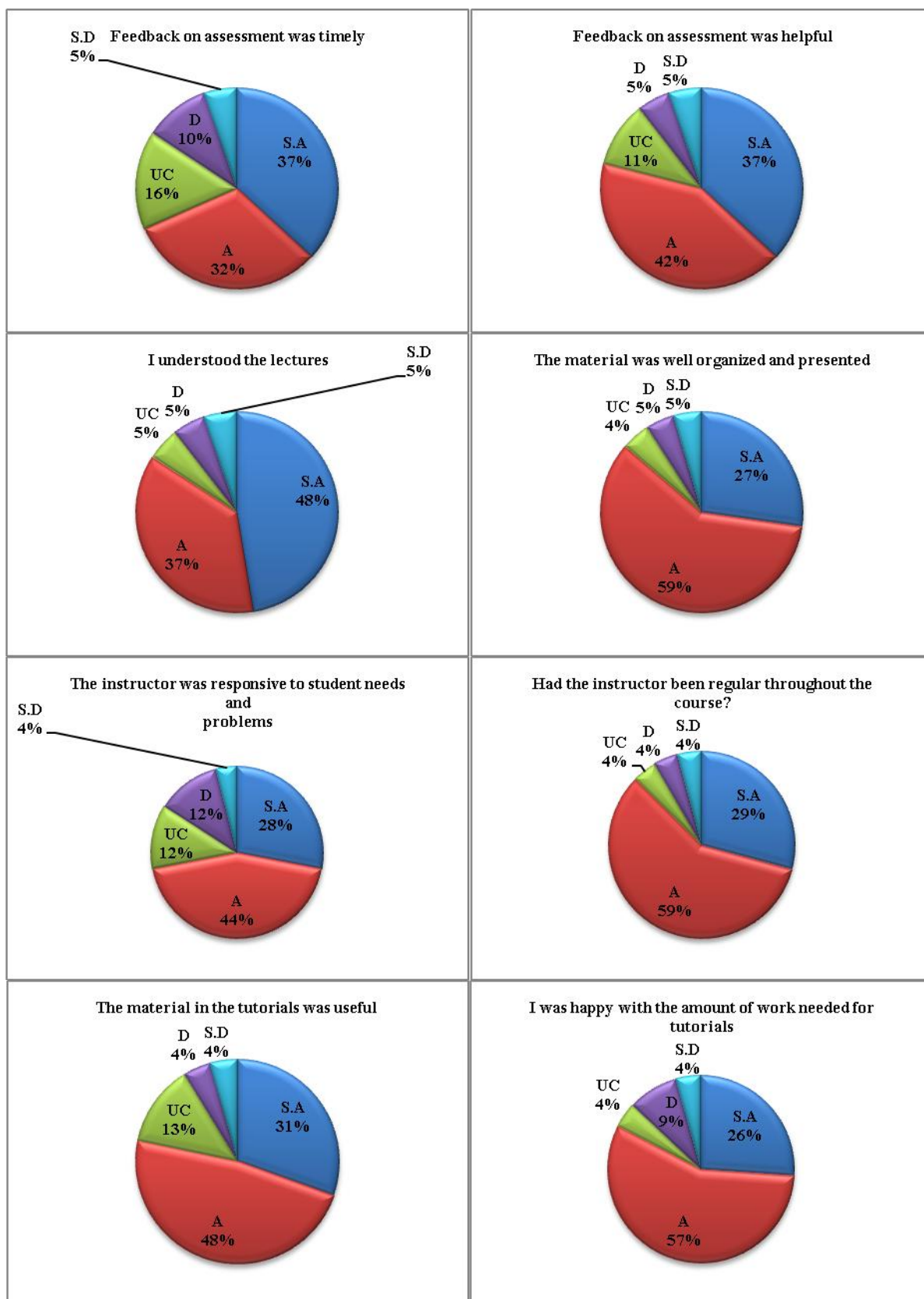
The overall environment in the class was conducive to learning.

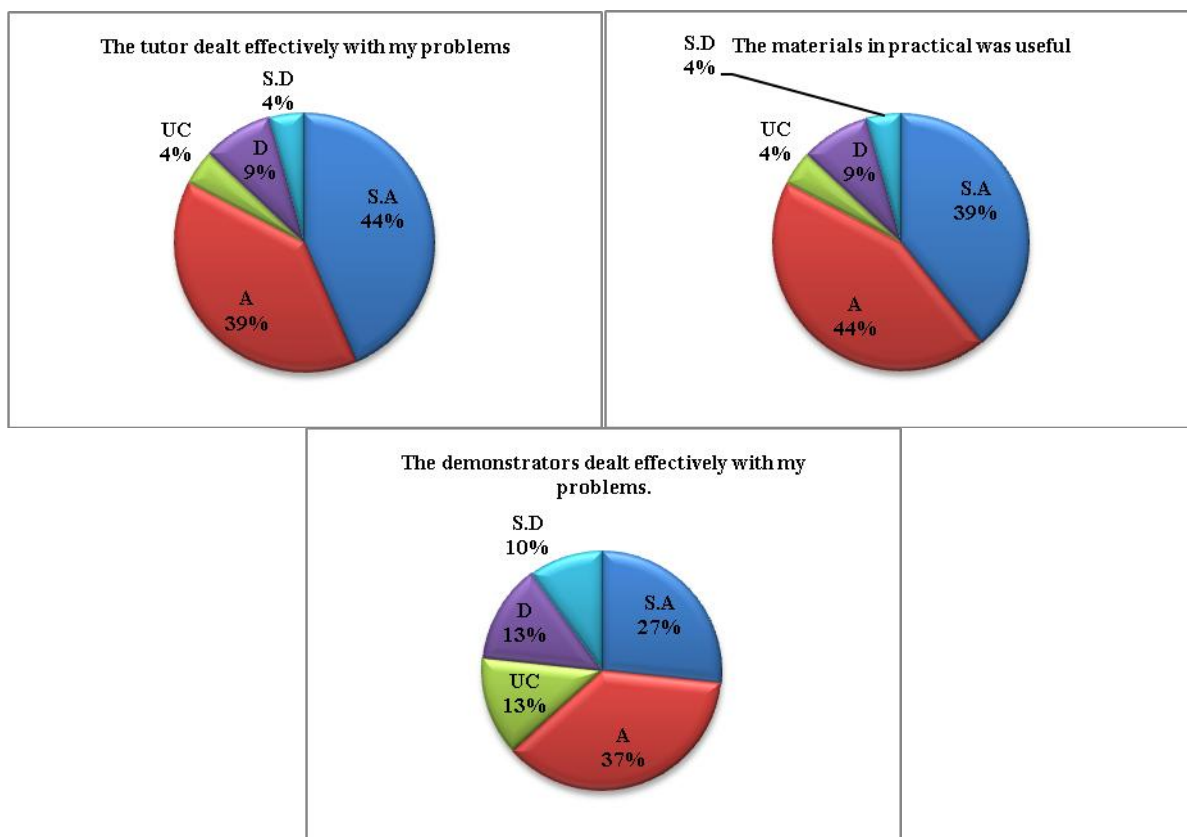


Classrooms were satisfactory









General Comments of Students about this course

Strength:

- Clear course objectives
- Helpful feedback on assessment
- Students made good progress in this course

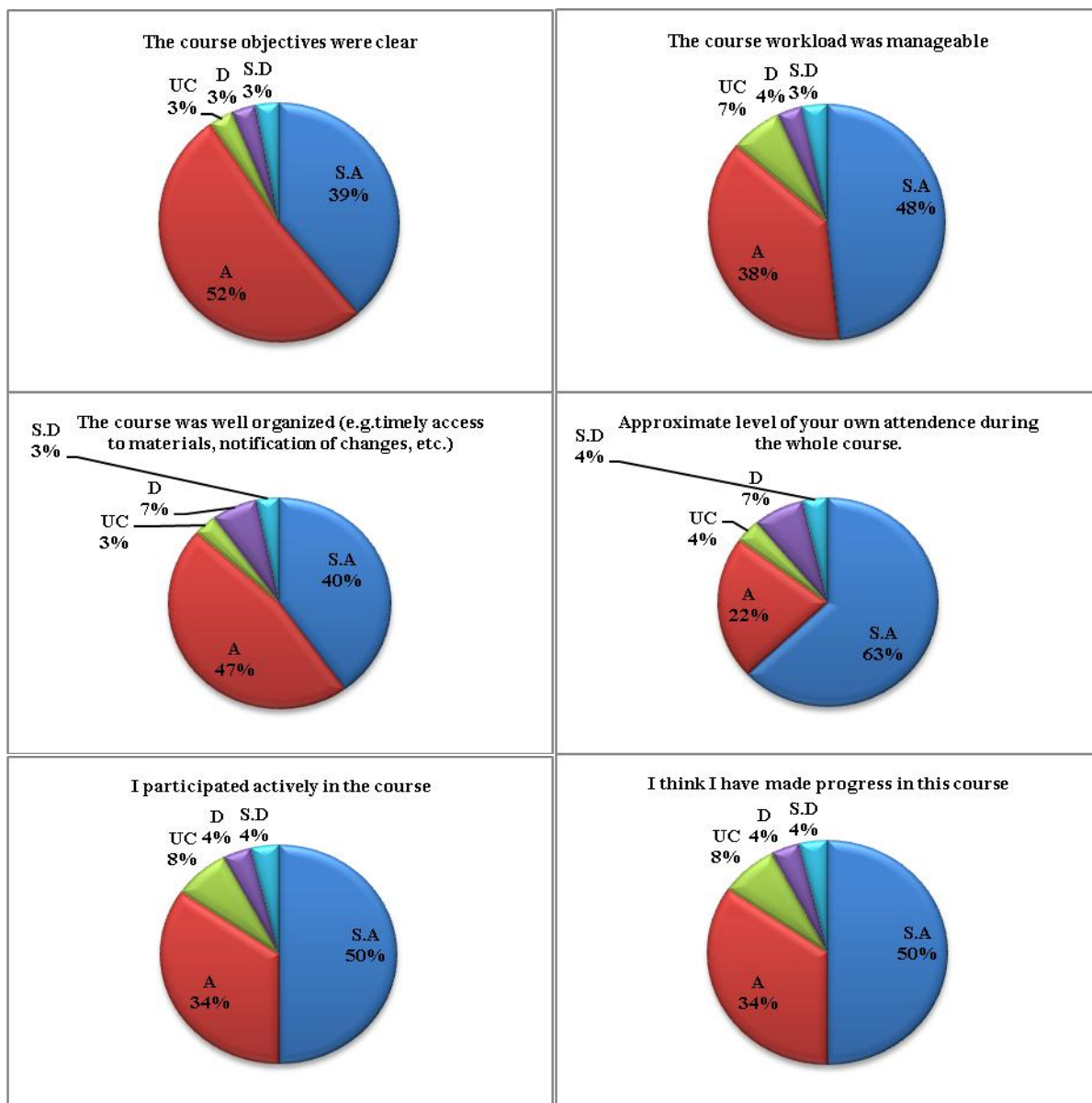
Weakness:

- Should explain the problem more

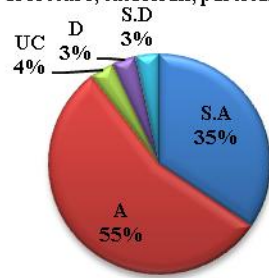
CS-685 (Dr. Nawazish Naveed)

The graph shows the details of the evaluation. The graph “The course objective were clear” indicates this. 39% strongly agreed, 52% agreed, 3% are uncertain, 3% disagreed and 3% strongly disagreed. The instructor also provides additional study material apart from the text to students. The graph “The course workload was manageable “ reflects this. 48% strongly agreed, 38% agreed, 7% are uncertain, 4% disagreed and 3% strongly disagreed. This can be seen in the graph “The course is well organized”.” 40% strongly agreed, 47% agreed, 3% are uncertain, 7%

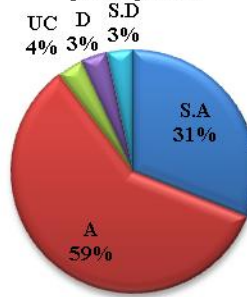
disagreed and 3% strongly disagreed. The instructor is always available for after class consultations as shown in the graph “The instructor have made progress in this course” 50% strongly agreed, 34% agreed, 8% are uncertain, 4% disagreed and 4% strongly disagreed. “The instructor shows respect towards students and encourages class participation”. 50% strongly agreed, 34% agreed, 8% are uncertain, 4% disagreed and 4% strongly disagreed. “ The pace of the course was appropriate“ 39% strongly agreed, 42% agreed, 7% are uncertain, 6% disagreed and 6% strongly disagreed.” There had the instructions been regular thoroughout the courses 48% strongly agreed, 39% agreed, 3% are uncertain, 7% disagreed and 3% strongly disagreed.



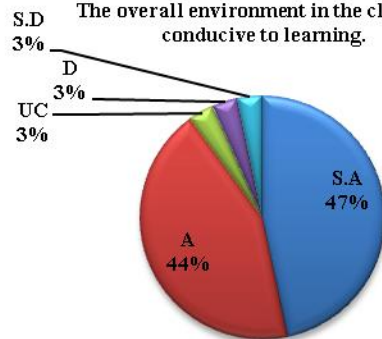
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



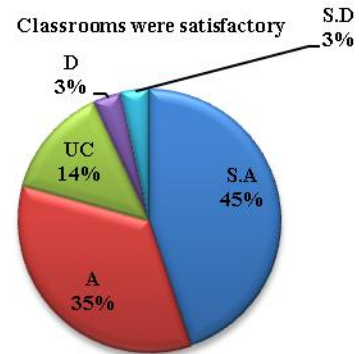
The learning and teaching methods encouraged participation.



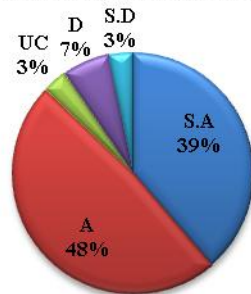
The overall environment in the class was conducive to learning.



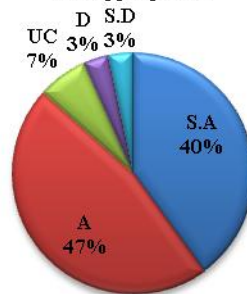
Classrooms were satisfactory



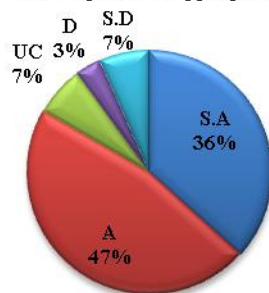
Learning materials (lesson plans, course notes etc.) were relevant and useful.



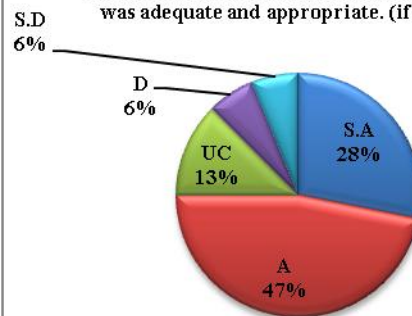
Recommended reading books etc. were relevant and appropriate.



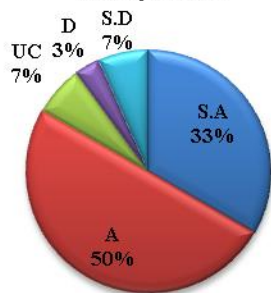
The provision of learning resources in the library was adequate and appropriate.



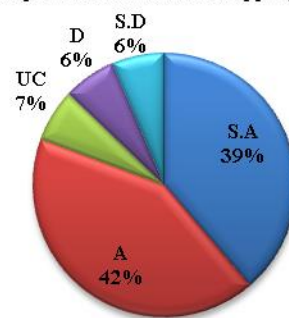
The provision of learning resources on the web was adequate and appropriate. (if relevant)



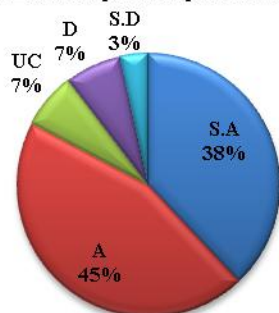
The course stimulated by interest and thought on the subject area.



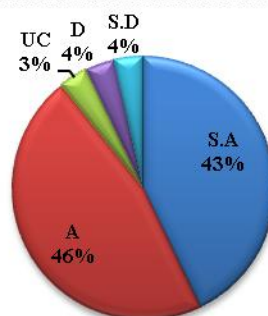
The pace of the course was appropriate



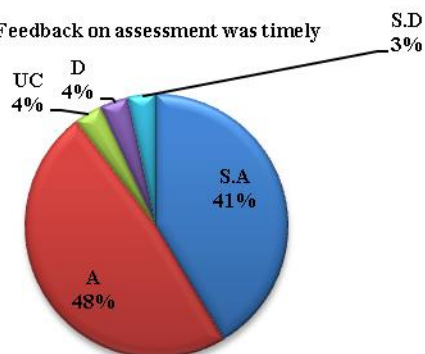
Ideas and concepts were presented clearly



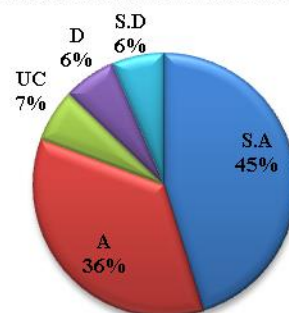
The method of assessment were reasonable



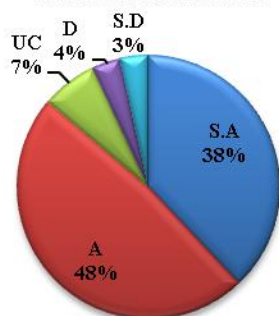
Feedback on assessment was timely



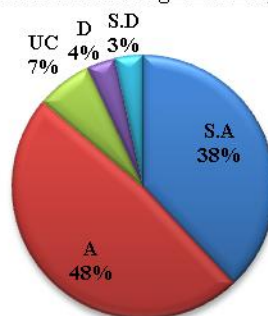
Feedback on assessment was helpful

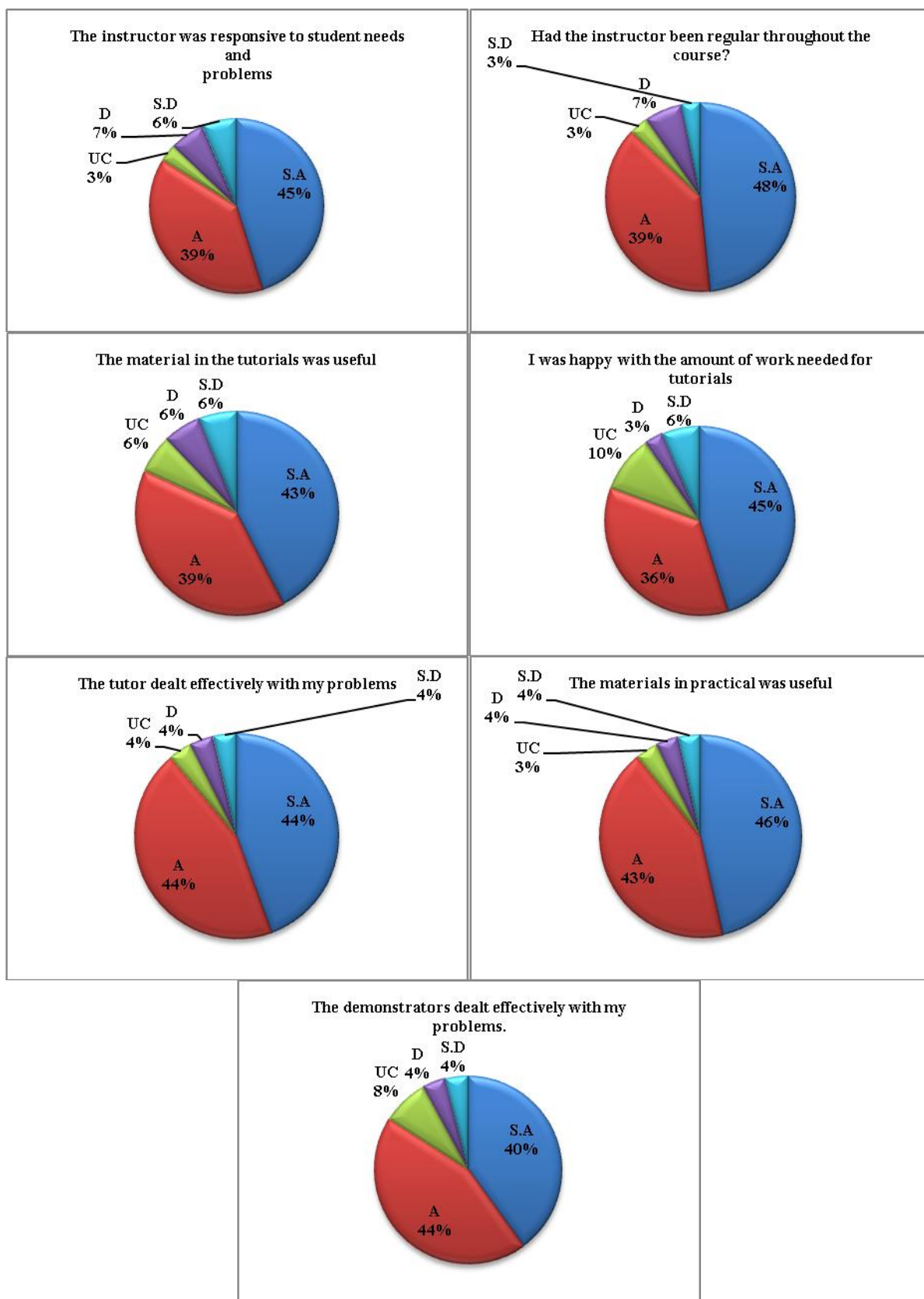


I understood the lectures



The material was well organized and presented





General Comments of Students about this course:

Strengths :

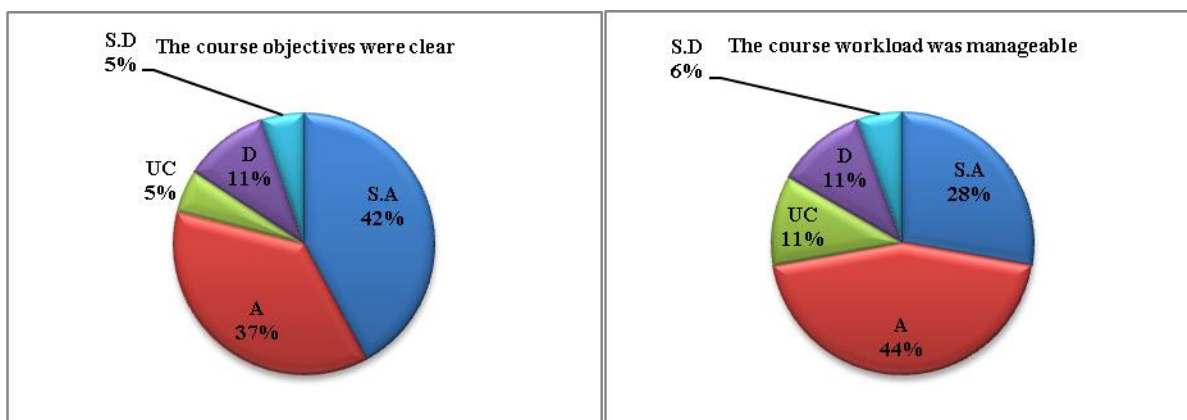
- Understanding of the course
- Good communication with students
- Well organized material

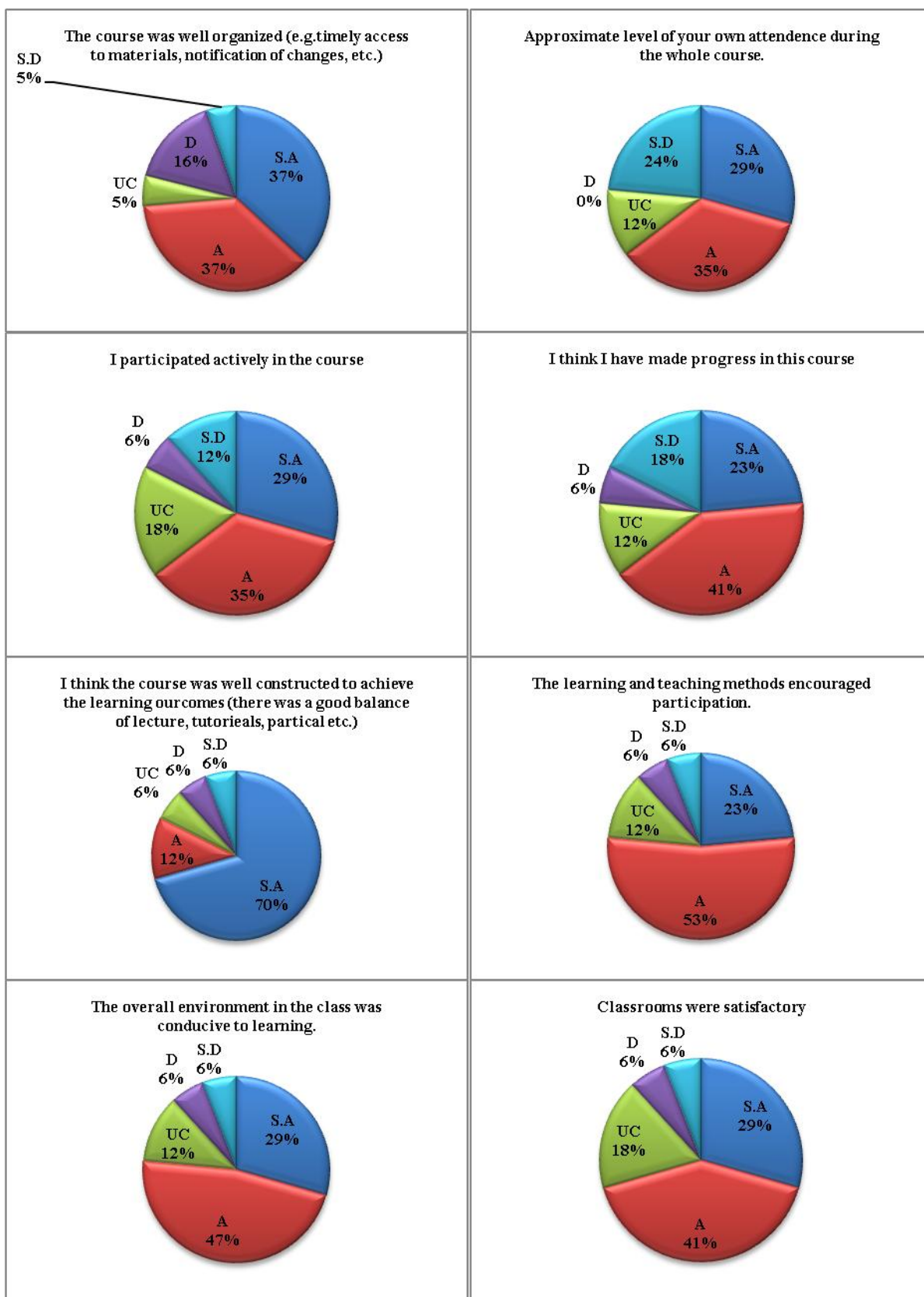
Weaknesses:

- Extra Course Load

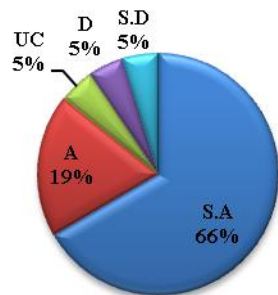
CS-400 (Dr. Muhammad Shaheen)

The graph shows the details of the evaluation. The instructor recommended relevant and appropriate reading books this course. The graph “Recommended reading books etc. were relevant and appropriate” reflects this, 35% strongly agreed, 47% agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The pace of the course was excellent as shown in the graph “The pace of the course was appropriate”, 26% strongly agreed, 53% agreed, 11% are uncertain, 5% disagreed and 5% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph “I think the course was well constructed to achieve learning outcomes there was a good balance of lecture, tutorials, practical etc., 70% strongly agreed, 12% agreed, 6% are uncertain, 6% disagreed and 6% strongly disagreed. The course stimulated interest and thought in the students for this course. The graph “The course stimulated interest and thought on the subject area”, 37% strongly agreed, 48% agreed, 5% are uncertain, 5% disagreed and 5% strongly disagreed.

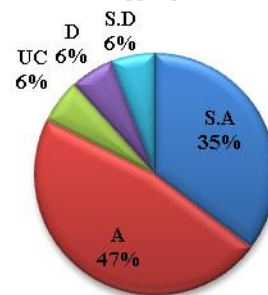




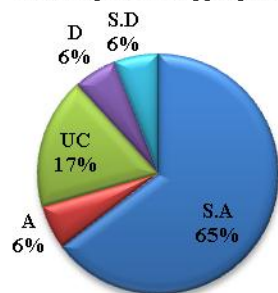
Learning materials (lesson plans, course notes etc.) were relevant and useful.



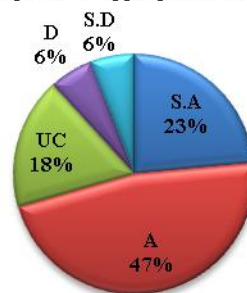
Recommended reading books etc. were relevant and appropriate.



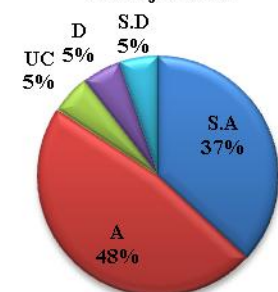
The provision of learning resources in the library was adequate and appropriate.



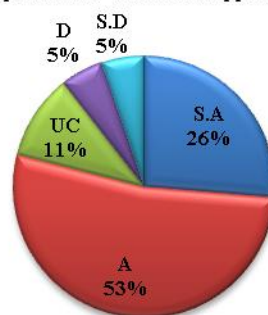
The provision of learning resources on the web was adequate and appropriate. (if relevant)



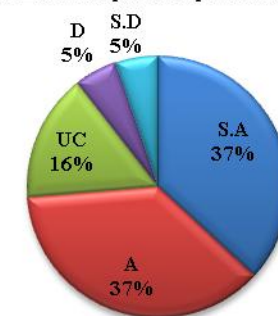
The course stimulated by interest and thought on the subject area.



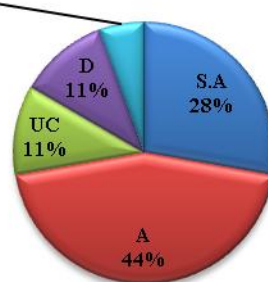
The pace of the course was appropriate

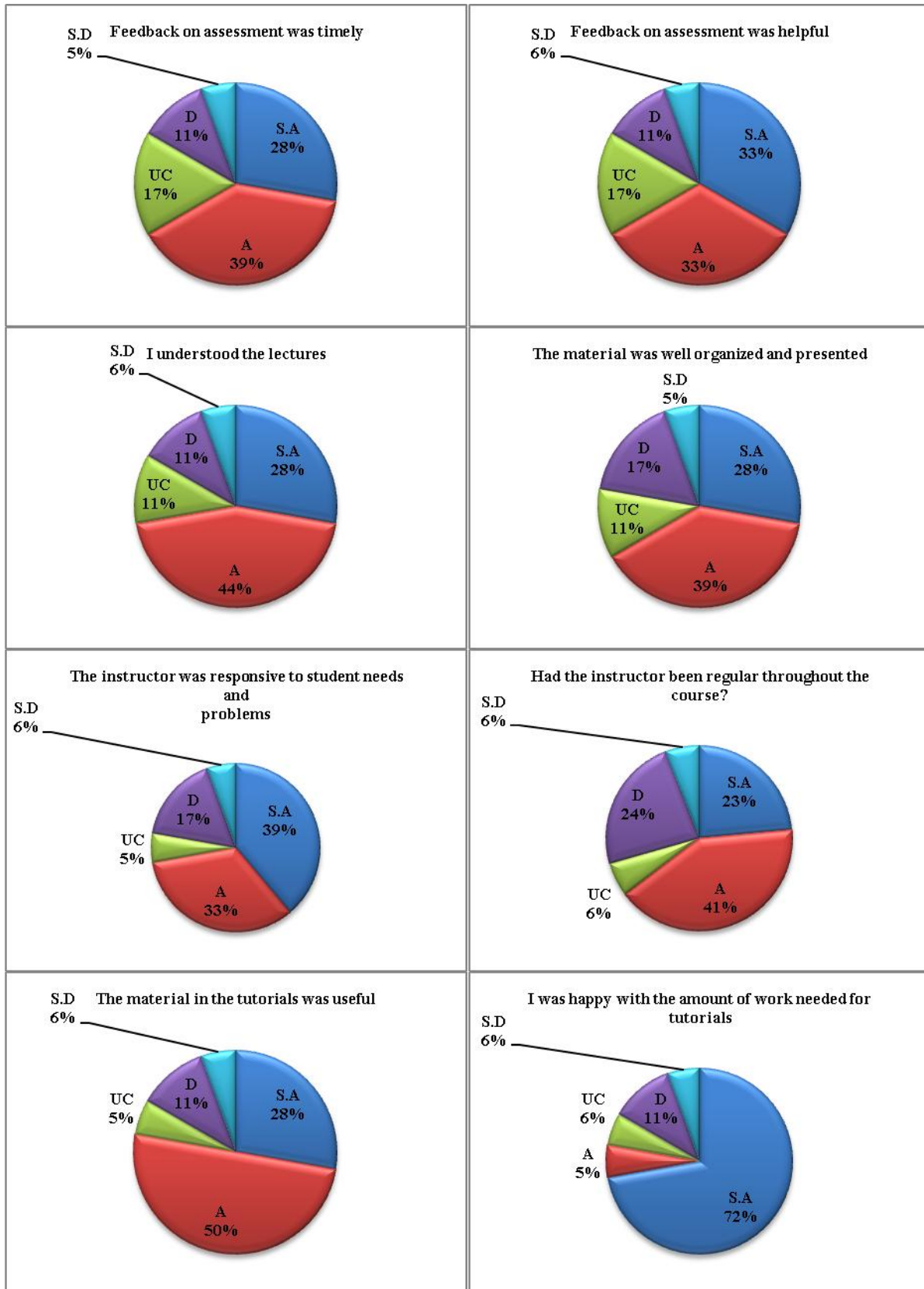


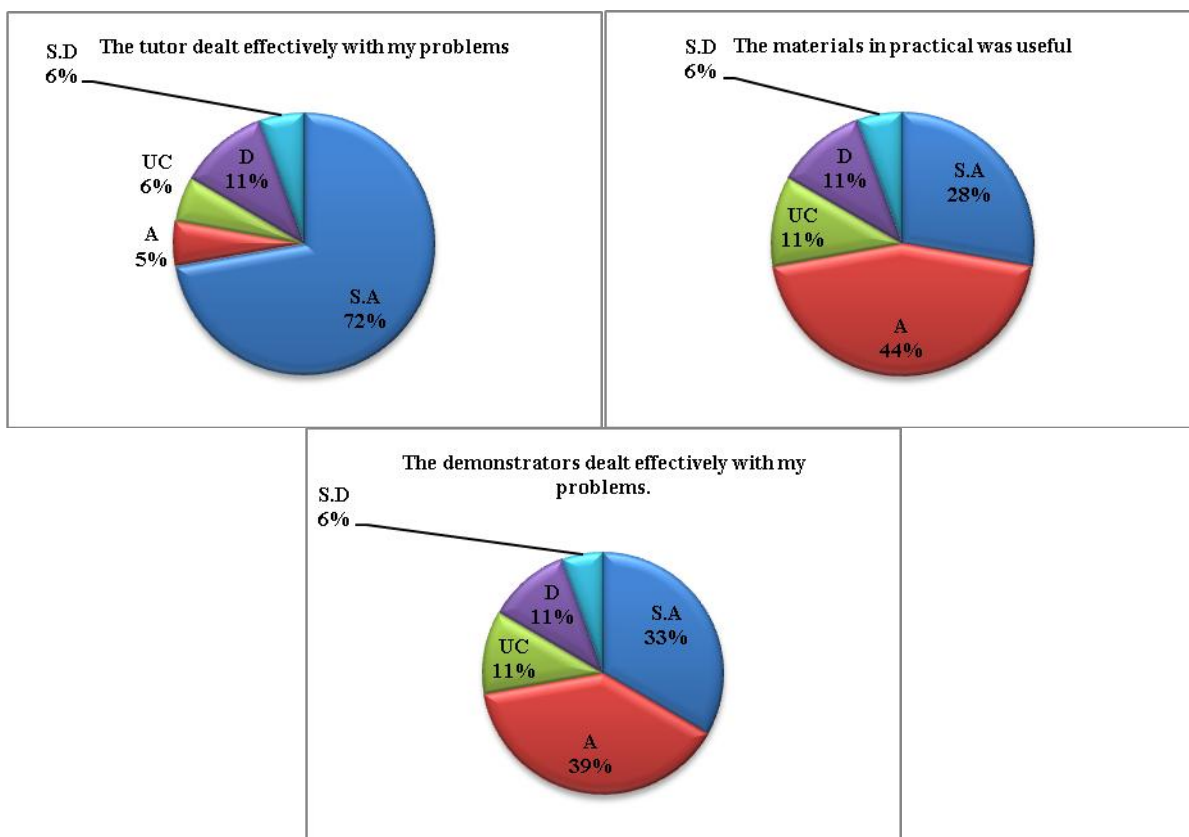
Ideas and concepts were presented clearly



The method of assessment were reasonable







General Comments of Students about this course

Strength:

- Always well prepared for class
- Concepts are explained very well.

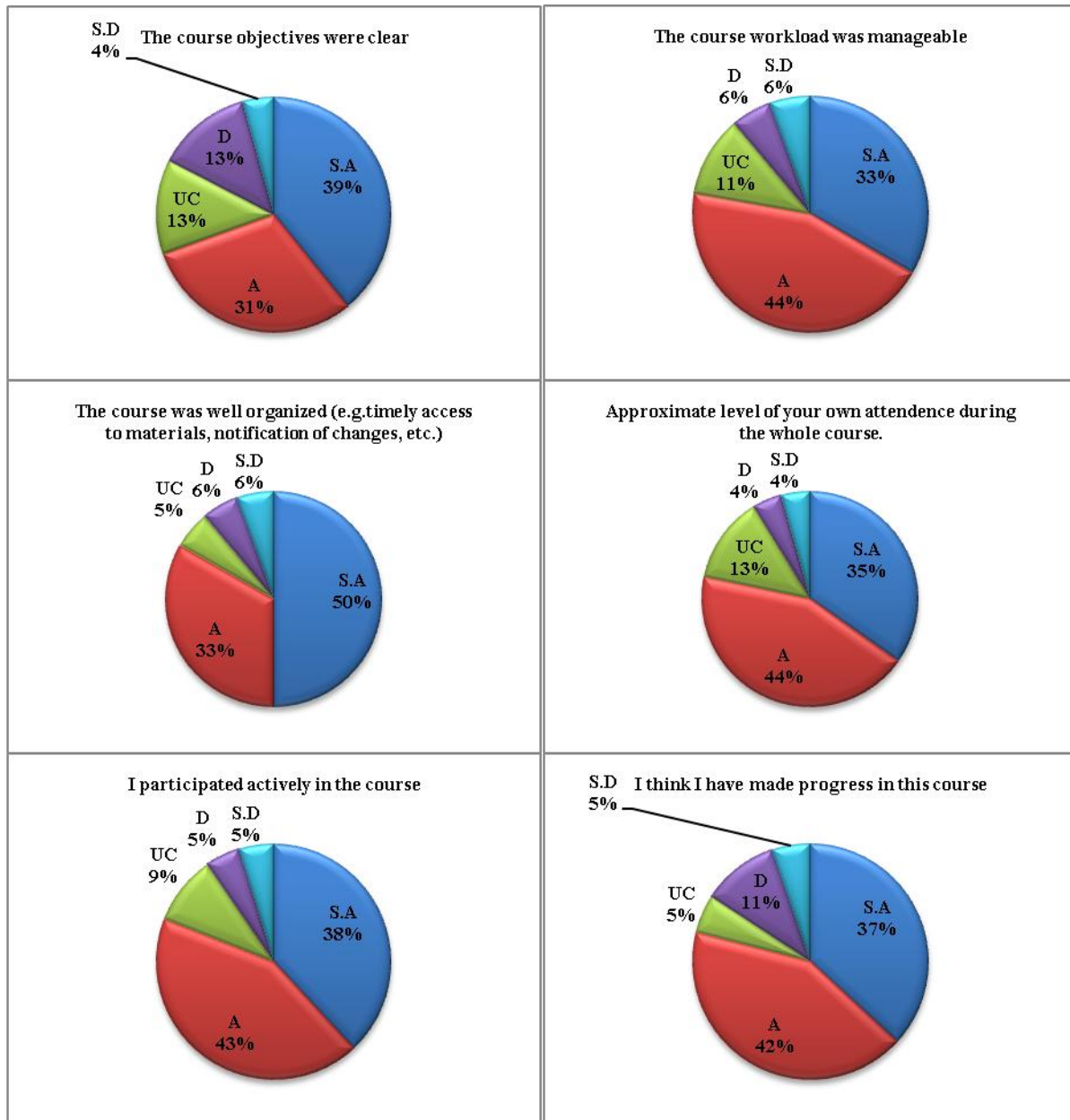
Weaknesses:

- More workload

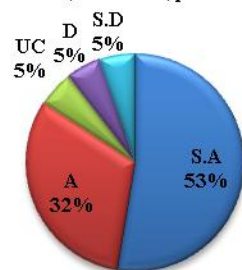
CS-652 (Mr. Yasir Hafeez)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving those objectives. The graph “The course objectives were clear” indicates this, 39% strongly agreed, 31% agreed, 13% are uncertain, 13% disagreed and 4% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show this, 35% strongly agreed, 44% agreed, 13% are uncertain, 4% disagreed and 4% strongly disagreed. The instructor recommended relevant and

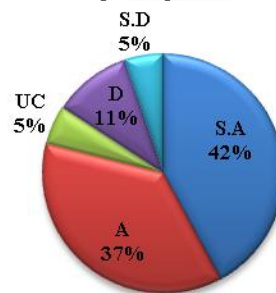
appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 44% strongly agreed, 39% agreed, 5% are uncertain, 6% disagreed and 6% strongly disagreed. The course was very well organized. This can be seen in the graph “The course was well organized”, 50% strongly agreed, 33% agreed, 5% are uncertain, 6% disagreed and 6% strongly disagreed.



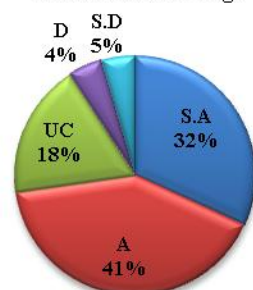
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



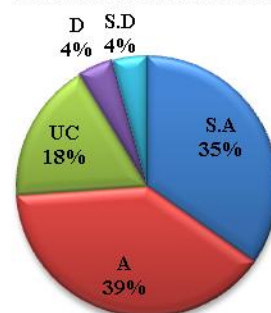
The learning and teaching methods encouraged participation.



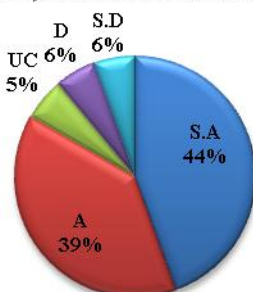
The overall environment in the class was conducive to learning.



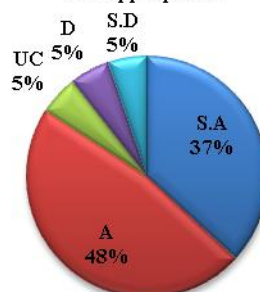
Classrooms were satisfactory



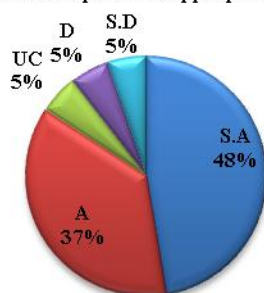
Learning materials (lesson plans, course notes etc.) were relevant and useful.



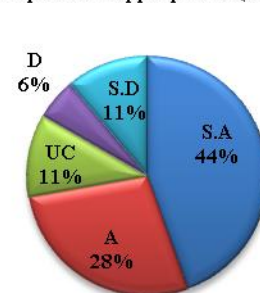
Recommended reading books etc. were relevant and appropriate.

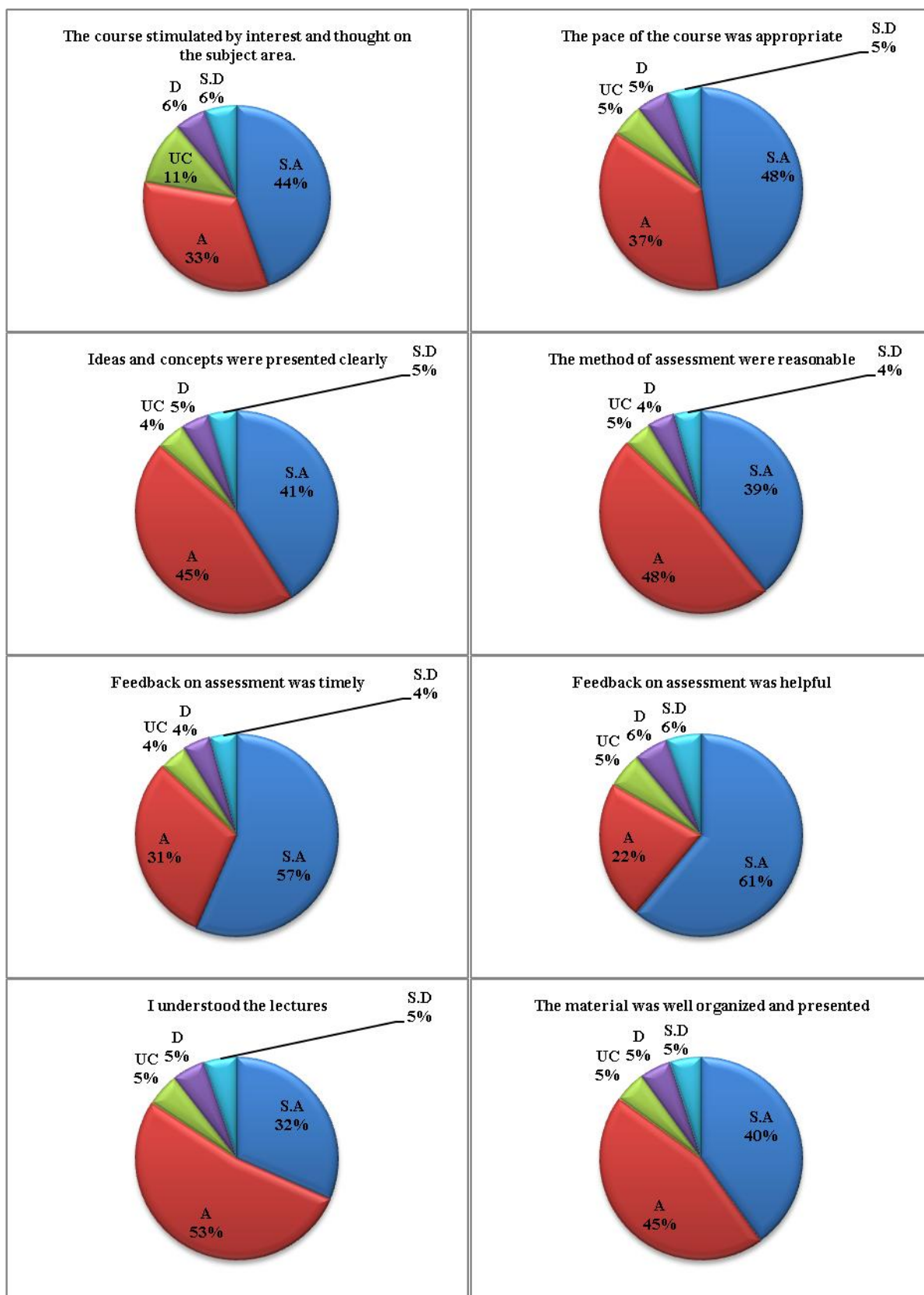


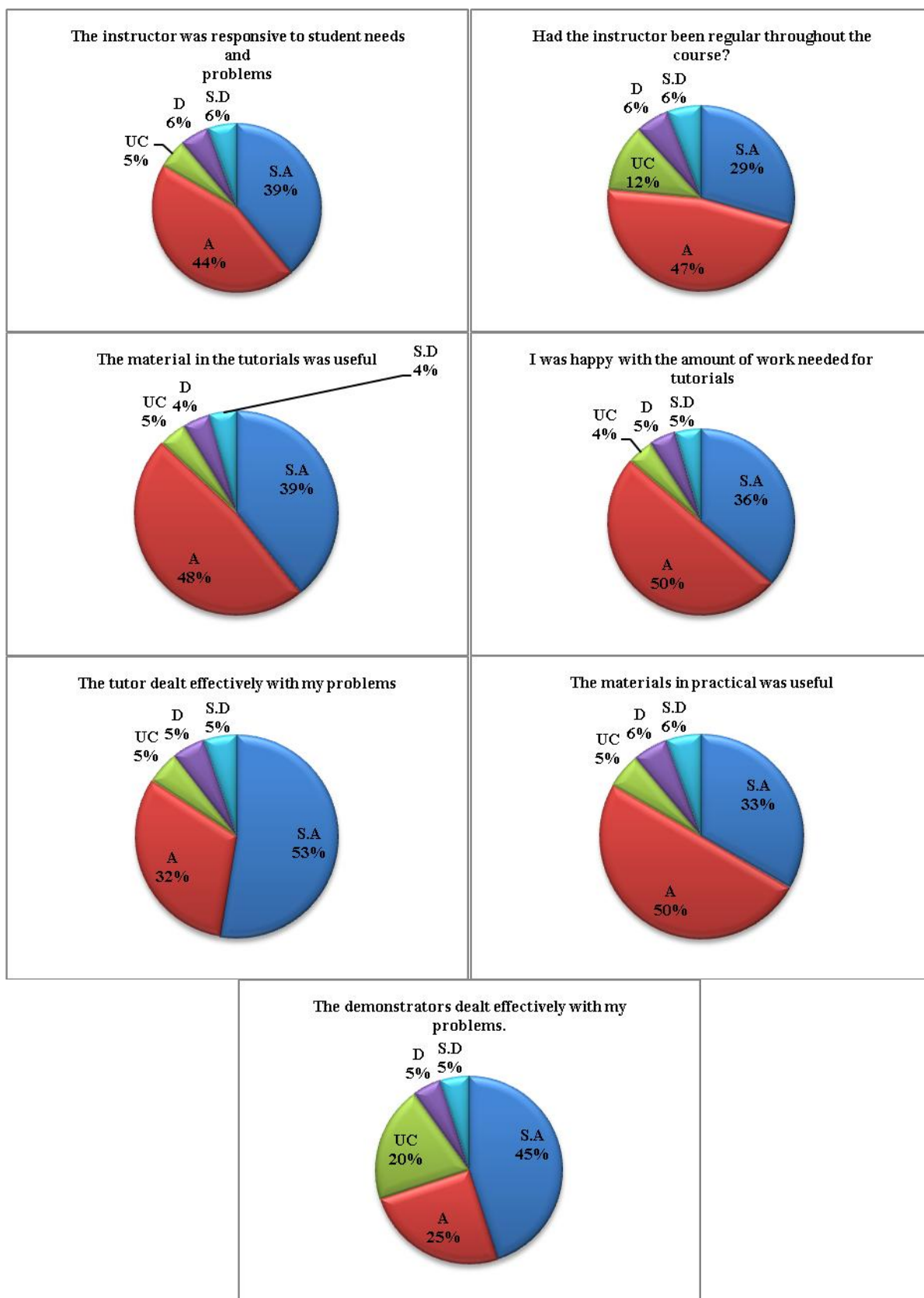
The provision of learning resources in the library was adequate and appropriate.



The provision of learning resources on the web was adequate and appropriate. (if relevant)







General Comments of Students about this course

Strength:

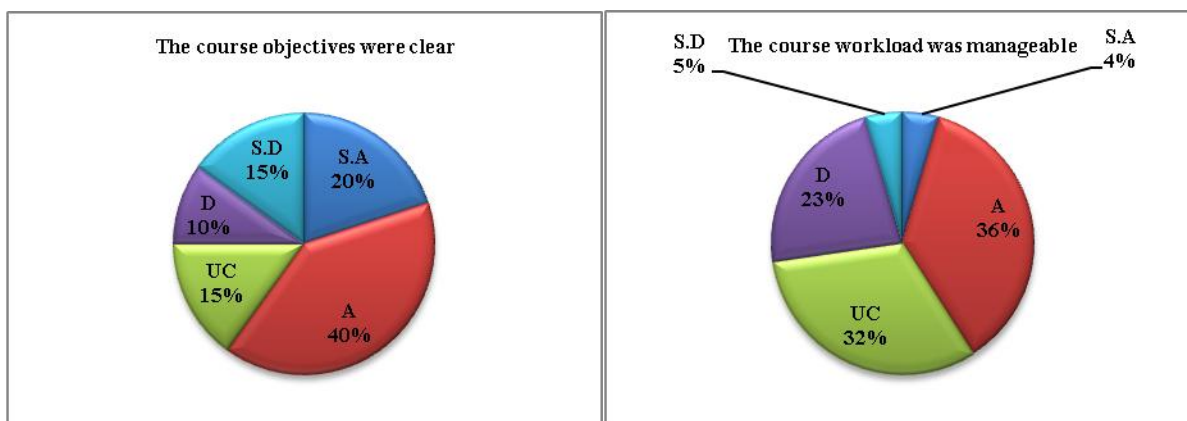
- Style of delivering the lecture
- More familiar with new technologies

Weaknesses:

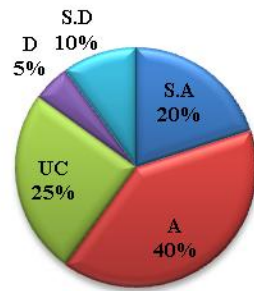
- Feedback should be timely

CS-432 (Ms. Rubina Ghazal)

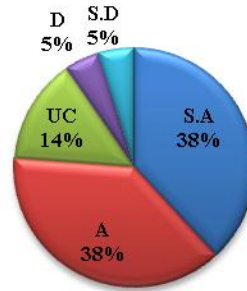
The graph shows the details of the evaluation. The graph ‘‘I think I have made good progress in this course’’ shows that students performed well in this course, 45% strongly agreed, 32% agreed, 4% are uncertain, 14% disagreed and 5% strongly disagreed. The teacher always provided timely feedback on assessments as shown in the graph ‘‘Feedback on assessment was timely’’, 35% strongly agreed, 40% agreed, 10% are uncertain, 5% disagreed and 10% strongly disagreed. The pace of the course was excellent as shown in the graph ‘‘The pace of the course was appropriate’’, 45% strongly agreed, 36% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. Students actively participated in the course. The graph ‘‘I participated actively in the course’’ indicates this, 43% strongly agreed, 38% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph ‘‘I think the course was well constructed to achieve learning outcomes (there was a good balance of lecture, tutorials, practical etc.)’’, 38% strongly agreed, 43% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed.



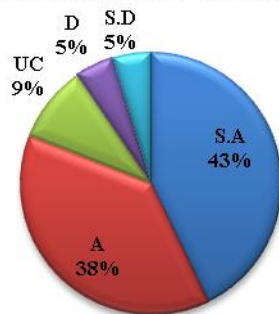
The course was well organized (e.g.timely access to materials, notification of changes, etc.)



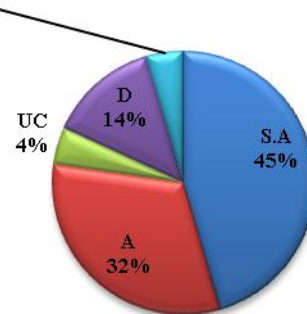
Approximate level of your own attendance during the whole course.



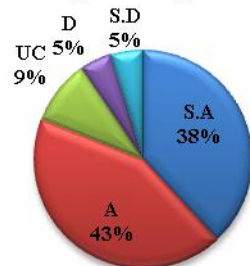
I participated actively in the course



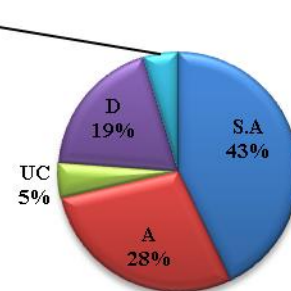
I think I have made progress in this course



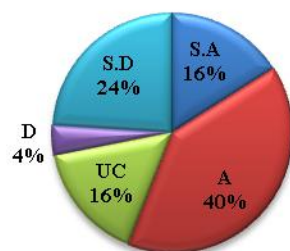
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



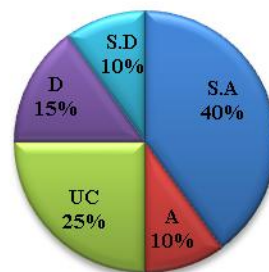
The learning and teaching methods encouraged participation.

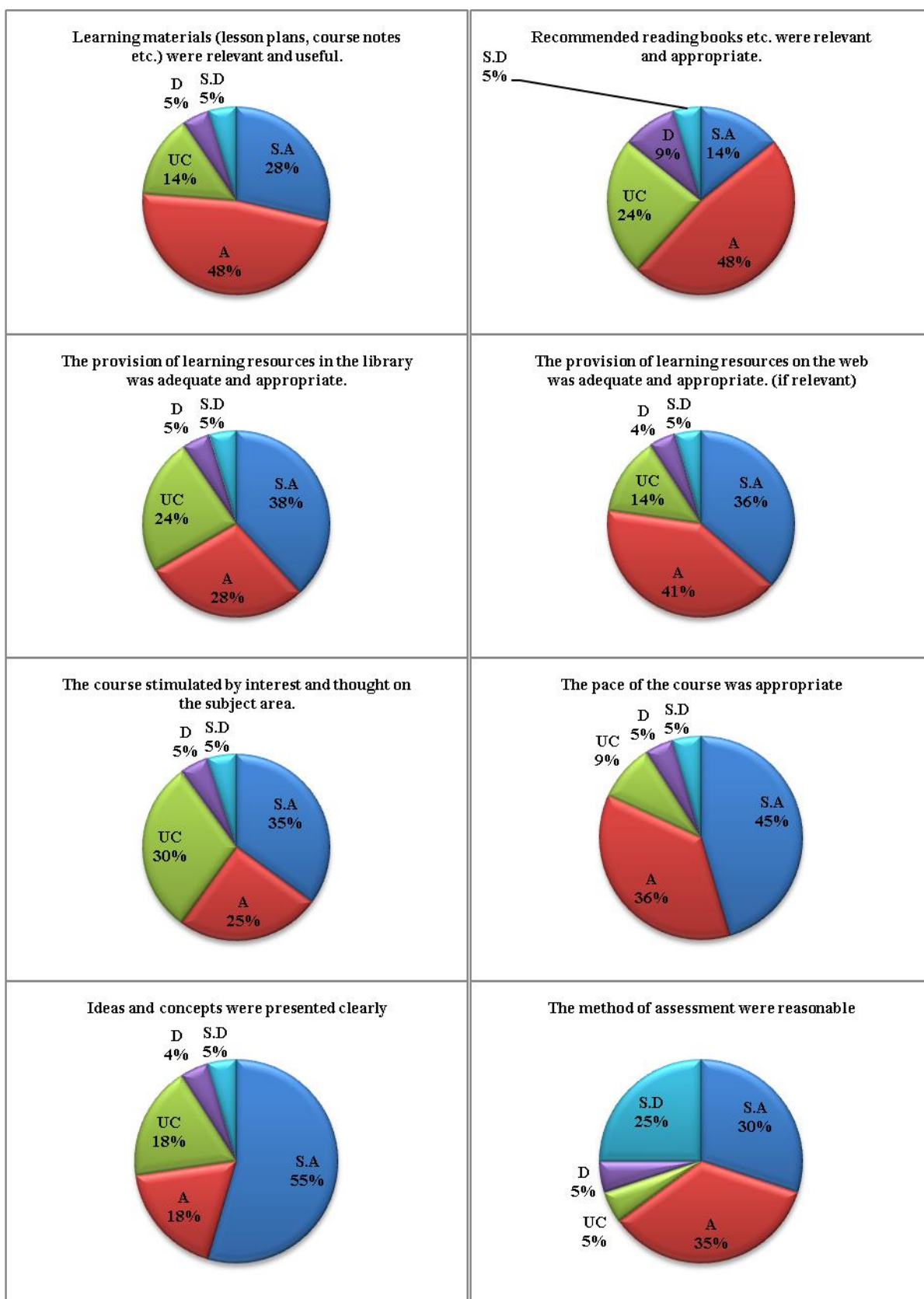


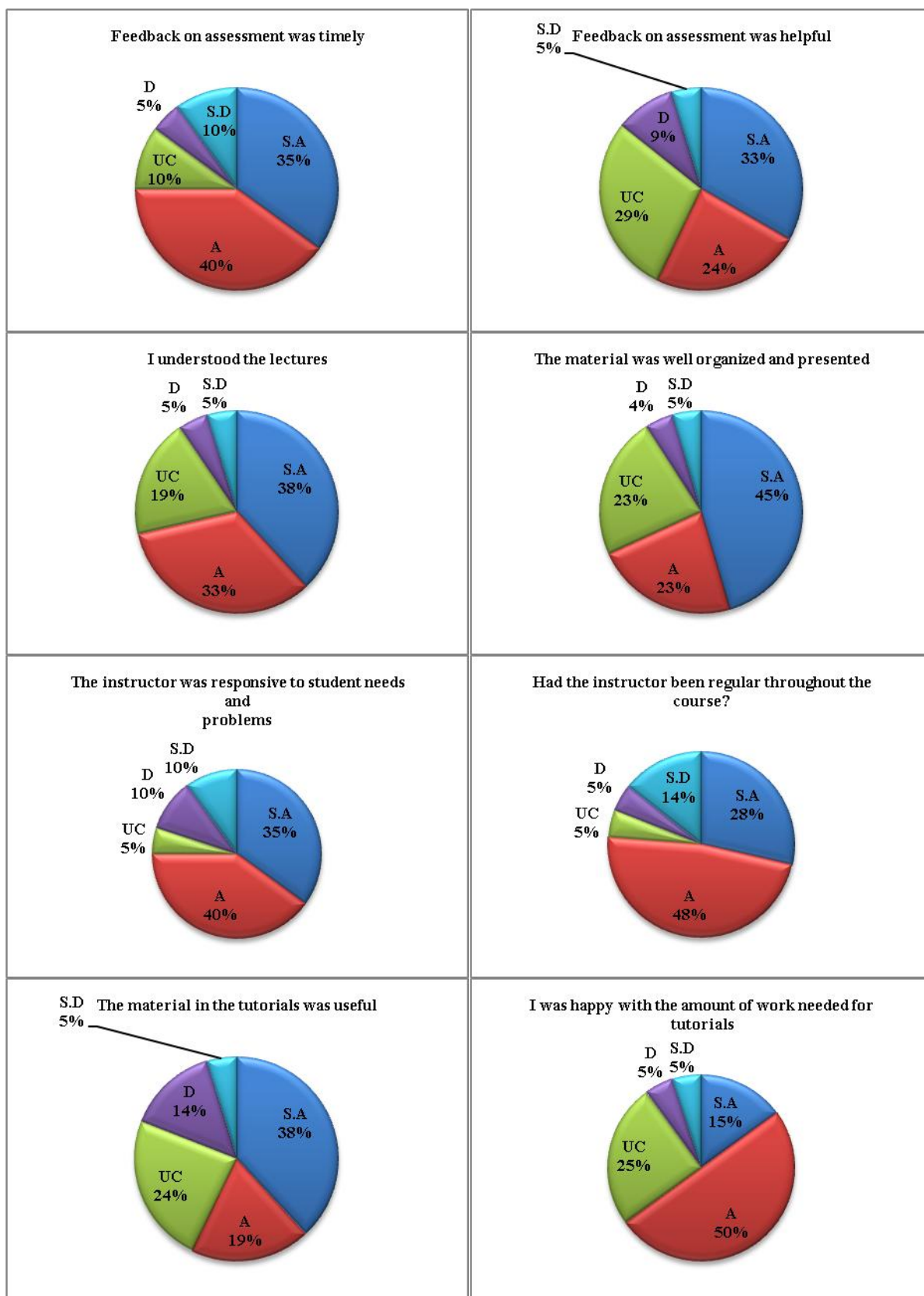
The overall environment in the class was conducive to learning.

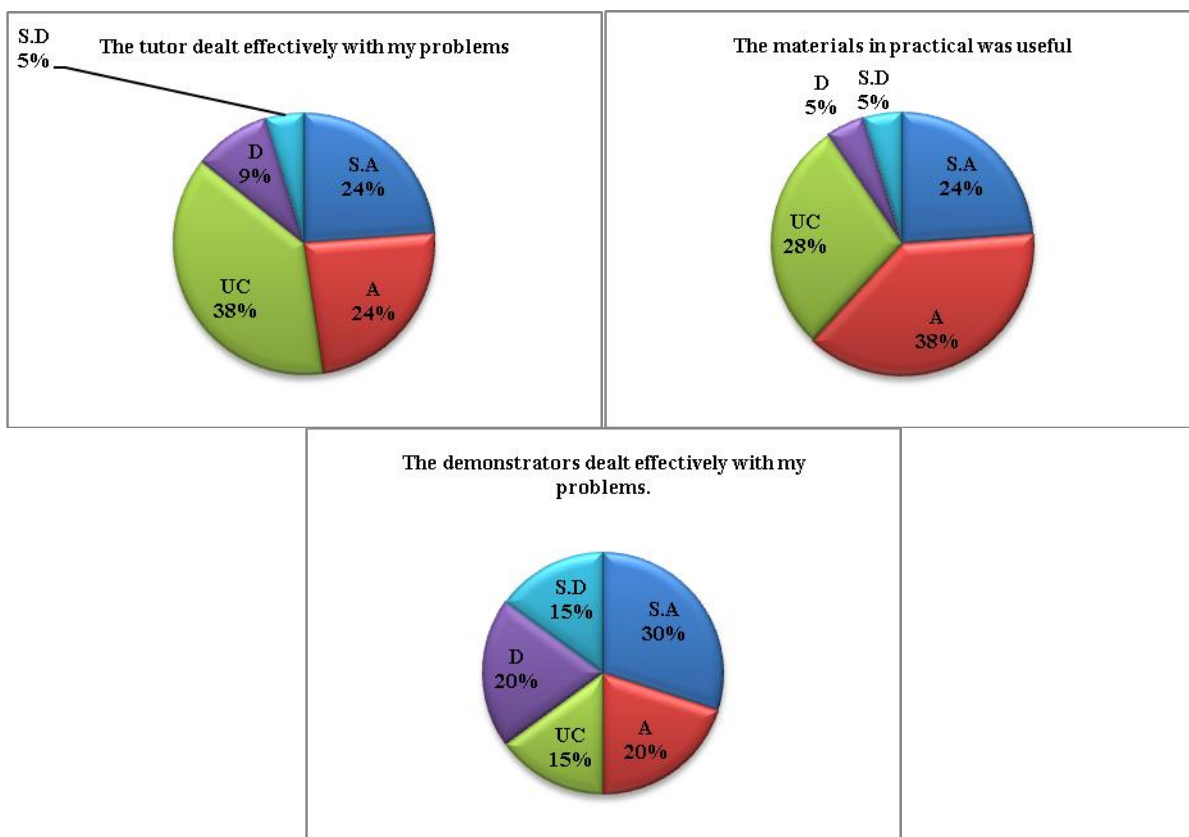


Classrooms were satisfactory









General Comments of Students about this course

Strength:

- Explain concept in good way.
- Always available in the office.

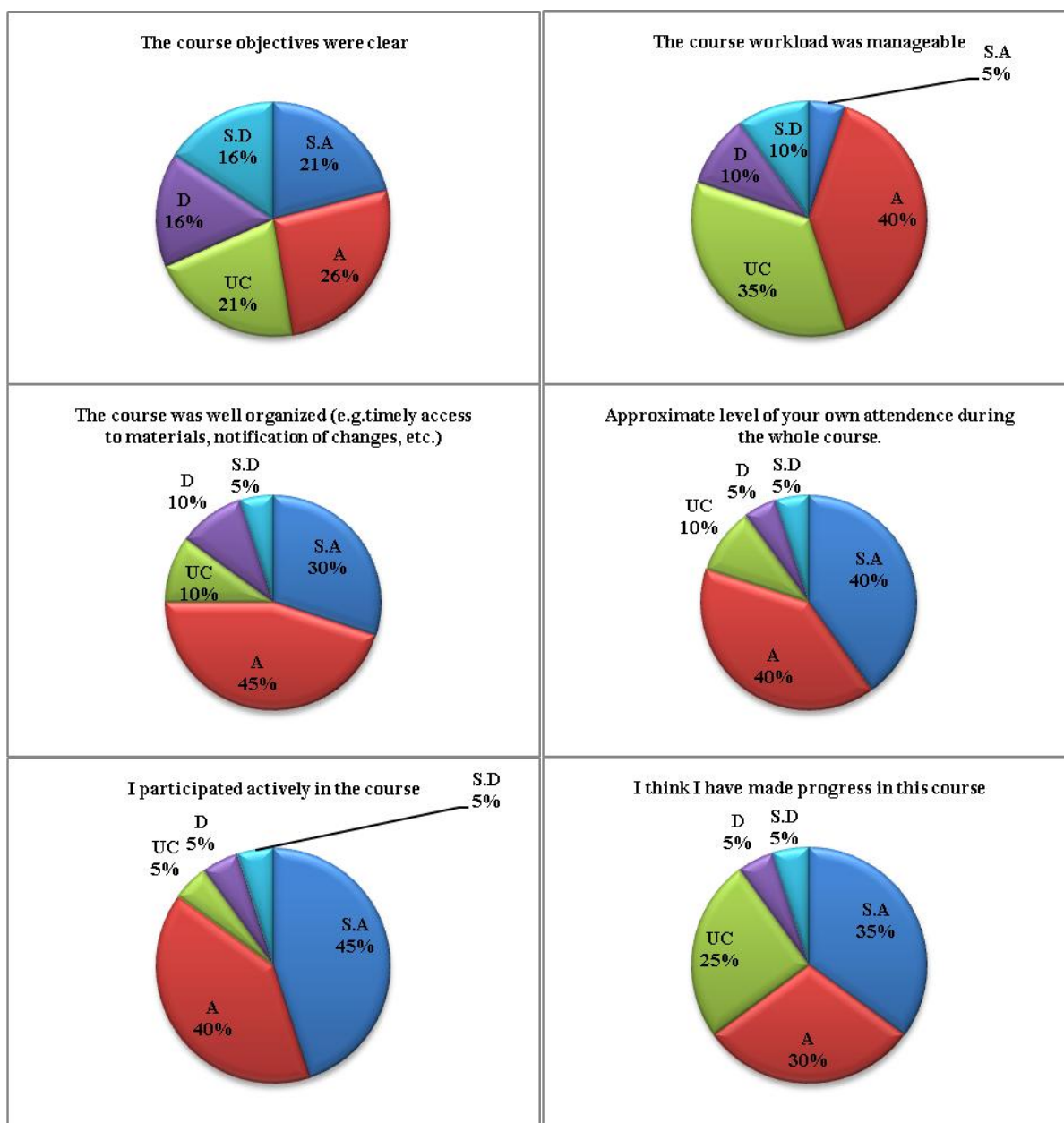
Weaknesses:

- Should explain problem more.
- Timely feedback required.

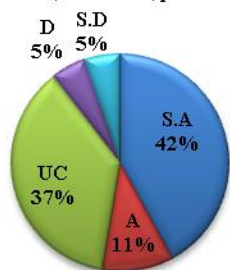
CS-452 (Mr. Nasir Mehmood)

The graph shows the details of the evaluation. The pace of the course was excellent as shown in the graph “The pace of the course was appropriate”, 32% strongly agreed, 47% agreed, 5% are uncertain, 5% disagreed and 11% strongly disagreed. The course stimulated interest and thought of students for this course. The graph “The course stimulated interest and thought on the subject area”, 35% strongly agreed, 40% agreed, 10% are uncertain, 5% disagreed and 10% strongly disagreed. The instructor recommended relevant and appropriate reading material for this course.

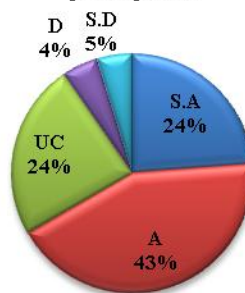
The graph “Recommended reading materials were relevant and appropriate” reflects that, 33% strongly agreed, 48% agreed, 9% are uncertain, 5% disagreed and 5% strongly disagreed. The instructor proved to be very helping. The graph “The instructor was responsive to student needs and problems indicates this, 38% strongly agreed, 38% agreed, 14% are uncertain, 5% disagreed and 5% strongly disagreed. The teacher has managed the course workload very well. The graph “The course workload was manageable ” show this, 5% strongly agreed, 40% agreed, 35% are uncertain, 10% disagreed and 10% strongly disagreed.



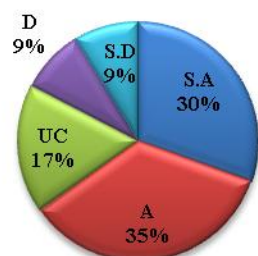
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



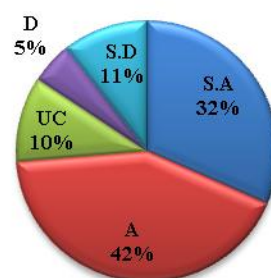
The learning and teaching methods encouraged participation.



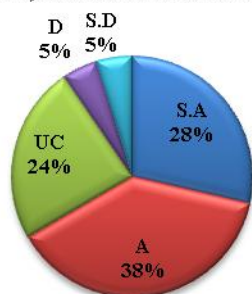
The overall environment in the class was conducive to learning.



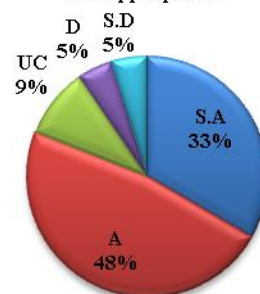
Classrooms were satisfactory



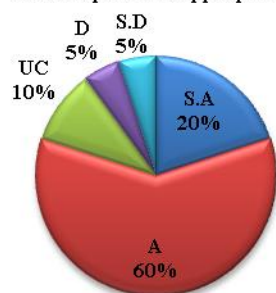
Learning materials (lesson plans, course notes etc.) were relevant and useful.



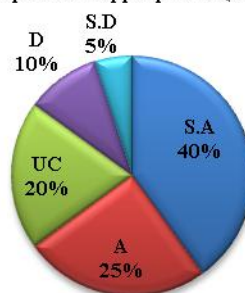
Recommended reading books etc. were relevant and appropriate.

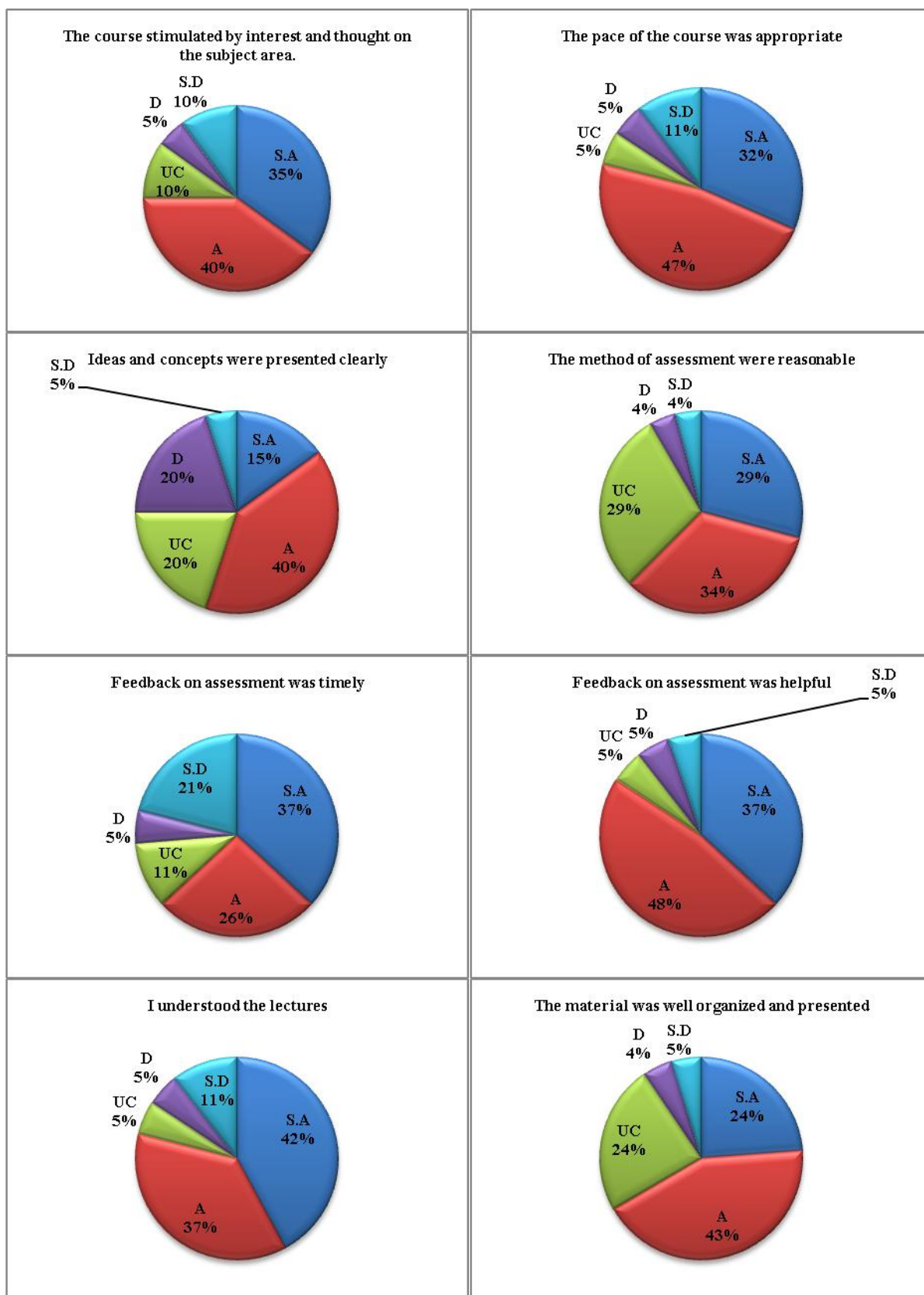


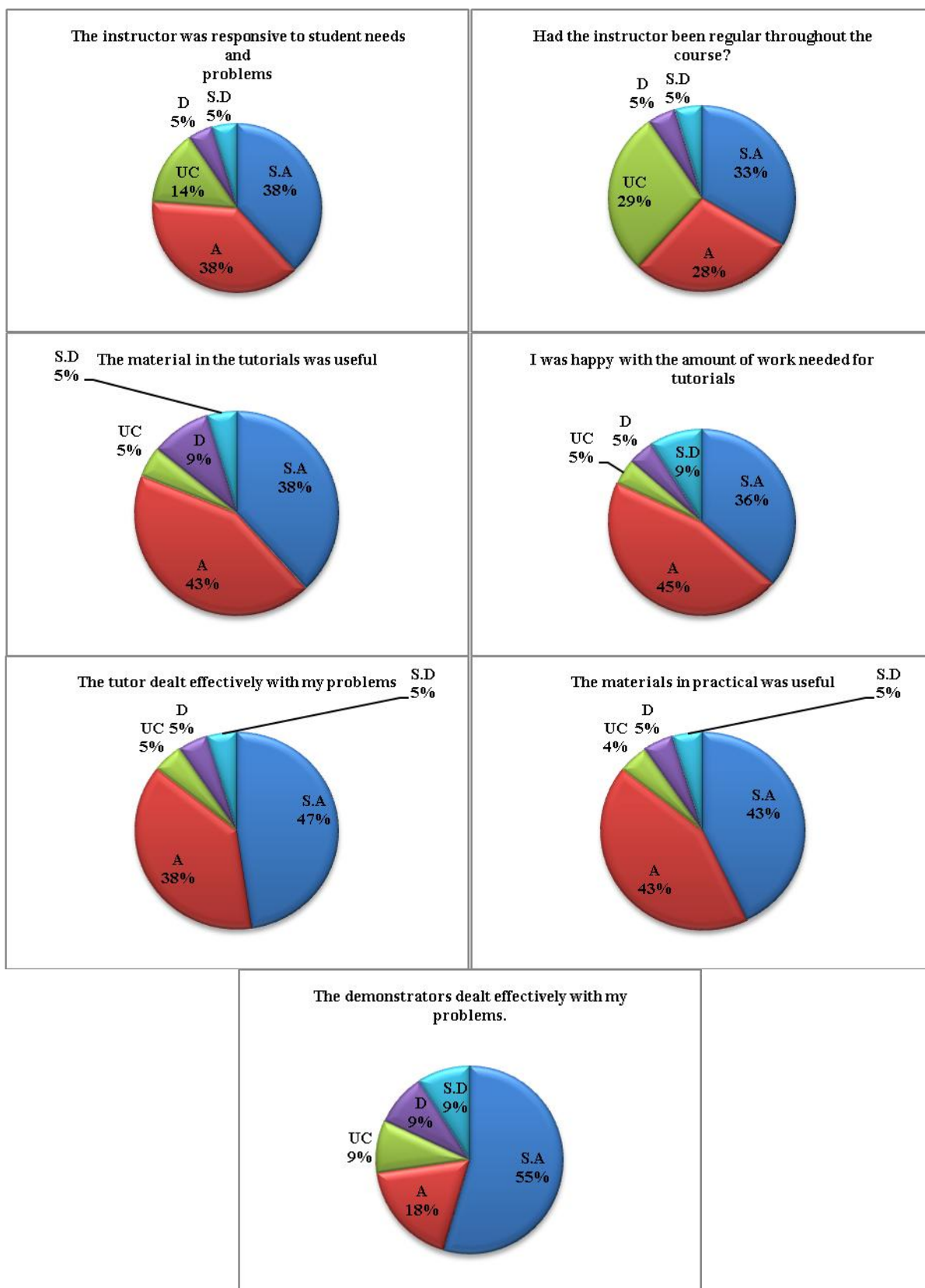
The provision of learning resources in the library was adequate and appropriate.



The provision of learning resources on the web was adequate and appropriate. (if relevant)







General Comments of Students about this course

Strength:

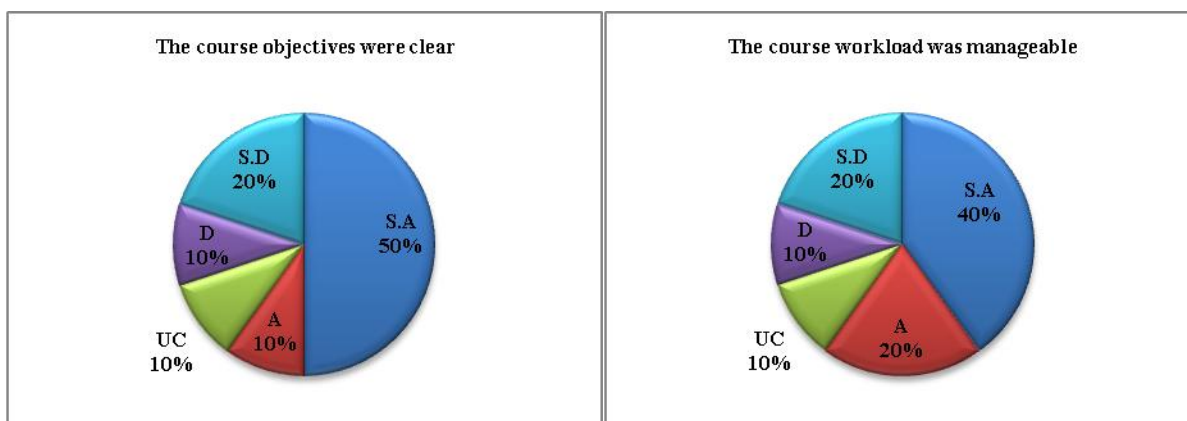
- Well prepared for lectures.
- Answer the questions in good way.

Weaknesses:

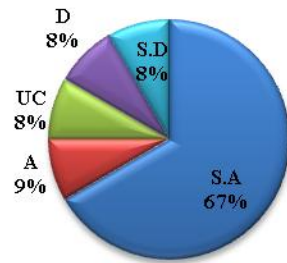
- More use of white board.

CS-423 (Ms. Aisha Umair)

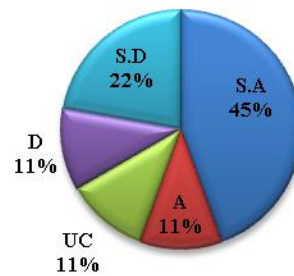
The graph shows the details of the evaluation. There were enough library resources for the students for this course. This can be seen in the graph “The provision of learning resources in the library was adequate and appropriate”, 11% strongly agreed, 56% agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The course was well constructed to achieve the learning outcomes which can be seen in the graph “I think the course was well constructed to achieve learning outcomes (there was a good balance of lecture, tutorials, practical etc.)”, 43% strongly agreed, 15% agreed, 14% are uncertain, 14% disagreed and 14% strongly disagreed. Students actively participated in the course. The graph “I participated actively in the course” indicates this, 50% strongly agreed, 10% agreed, 10% are uncertain, 20% disagreed and 10% strongly disagreed. The instructor maintained a good clarity of presenting ideas and concepts throughout the course. The graph “Ideas and concepts were presented clearly” reflects this, 50% strongly agreed, 12% agreed, 12% are uncertain, 13% disagreed and 13% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable ” show that, 40% strongly agreed, 20% agreed, 10% are uncertain, 10% disagreed and 20% strongly disagreed.



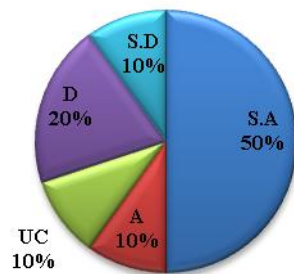
The course was well organized (e.g.timely access to materials, notification of changes, etc.)



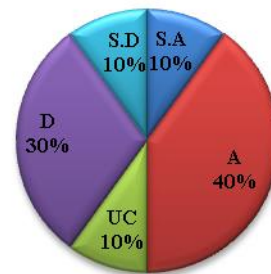
Approximate level of your own attendance during the whole course.



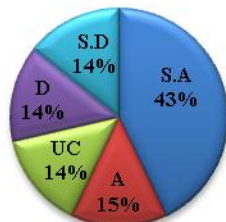
I participated actively in the course



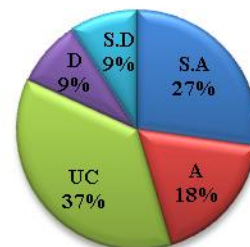
I think I have made progress in this course



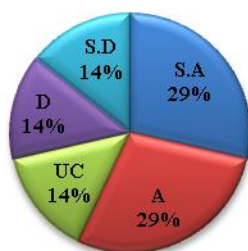
I think the course was well constructed to achieve the learning ourcomes (there was a good balance of lecture, tutorials, partical etc.)



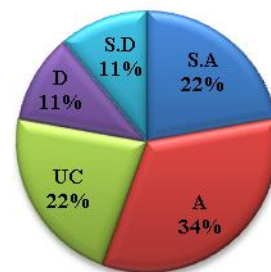
The learning and teaching methods encouraged participation.



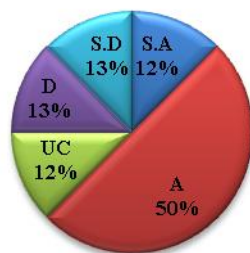
The overall environment in the class was conducive to learning.



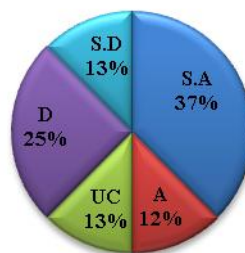
Classrooms were satisfactory



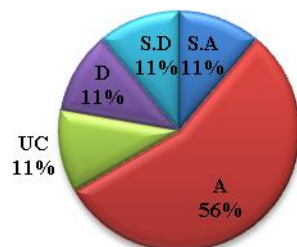
Learning materials (lesson plans, course notes etc.) were relevant and useful.



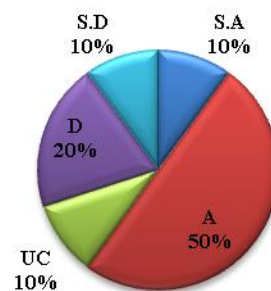
Recommended reading books etc. were relevant and appropriate.



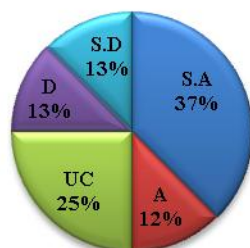
The provision of learning resources in the library was adequate and appropriate.



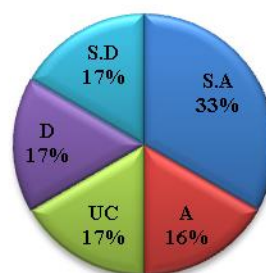
The provision of learning resources on the web was adequate and appropriate. (if relevant)



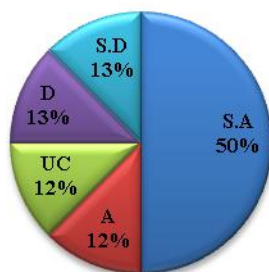
The course stimulated by interest and thought on the subject area.



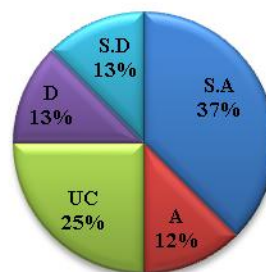
The pace of the course was appropriate



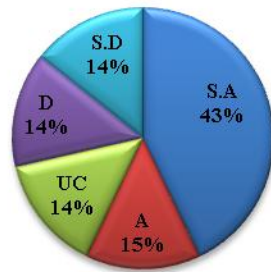
Ideas and concepts were presented clearly



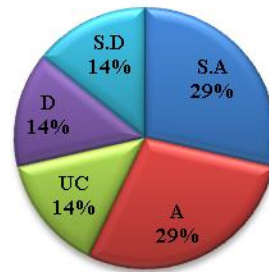
The method of assessment were reasonable



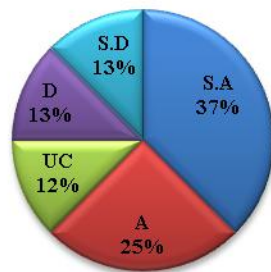
Feedback on assessment was timely



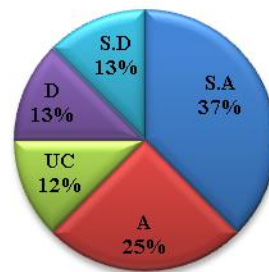
Feedback on assessment was helpful



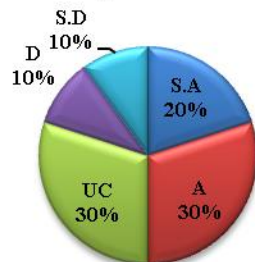
I understood the lectures



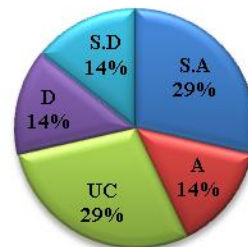
The material was well organized and presented



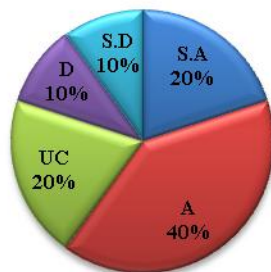
The instructor was responsive to student needs and problems



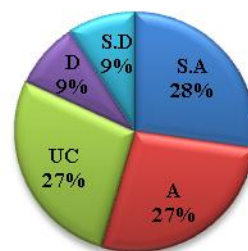
Had the instructor been regular throughout the course?

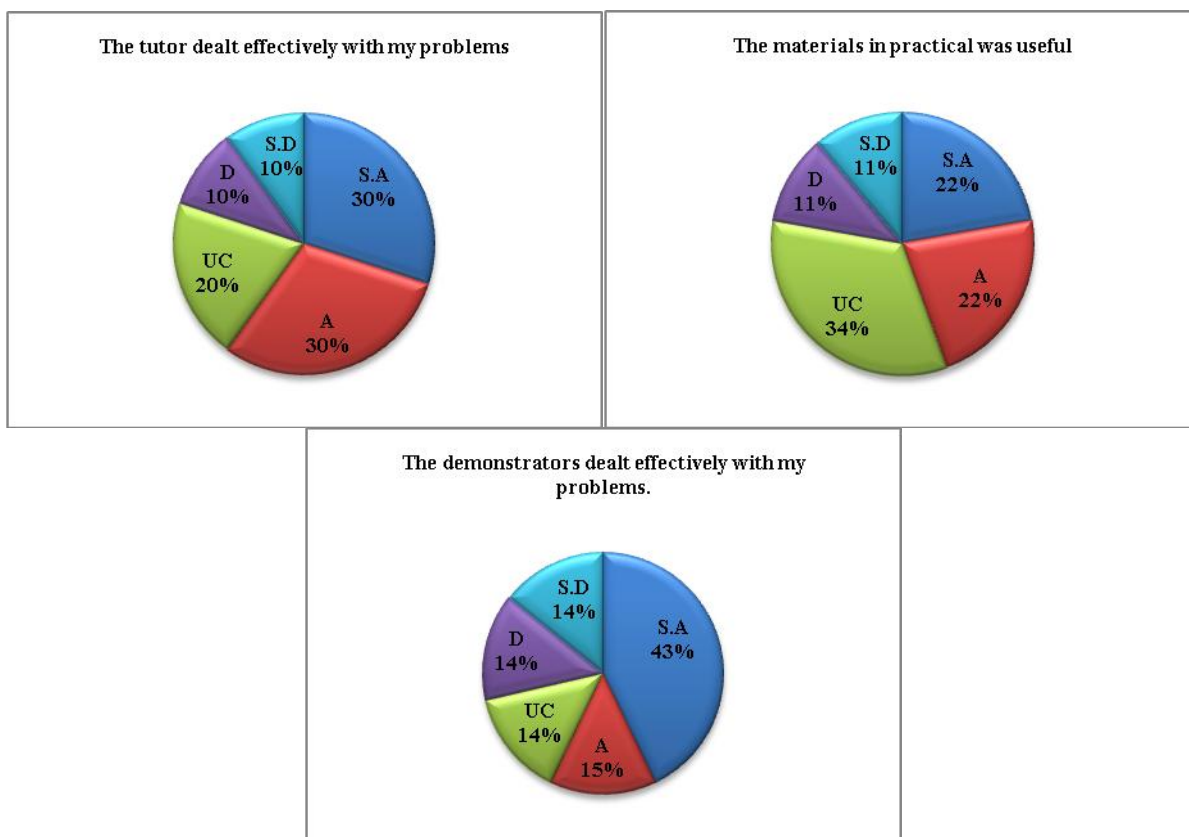


The material in the tutorials was useful



I was happy with the amount of work needed for tutorials





General Comments of Students about this course

Strength:

- Well Managed course
- Speed was ok

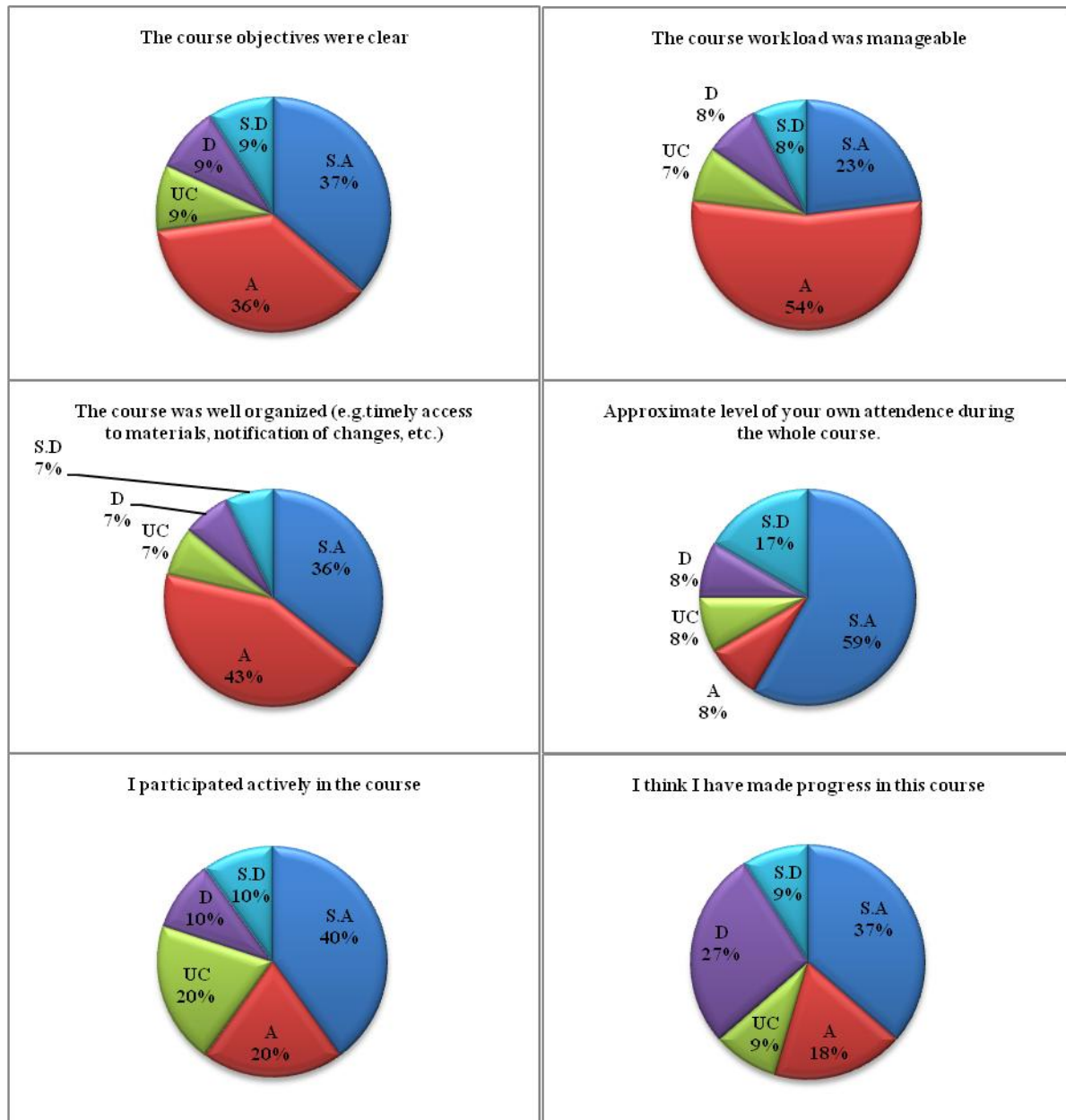
Weaknesses:

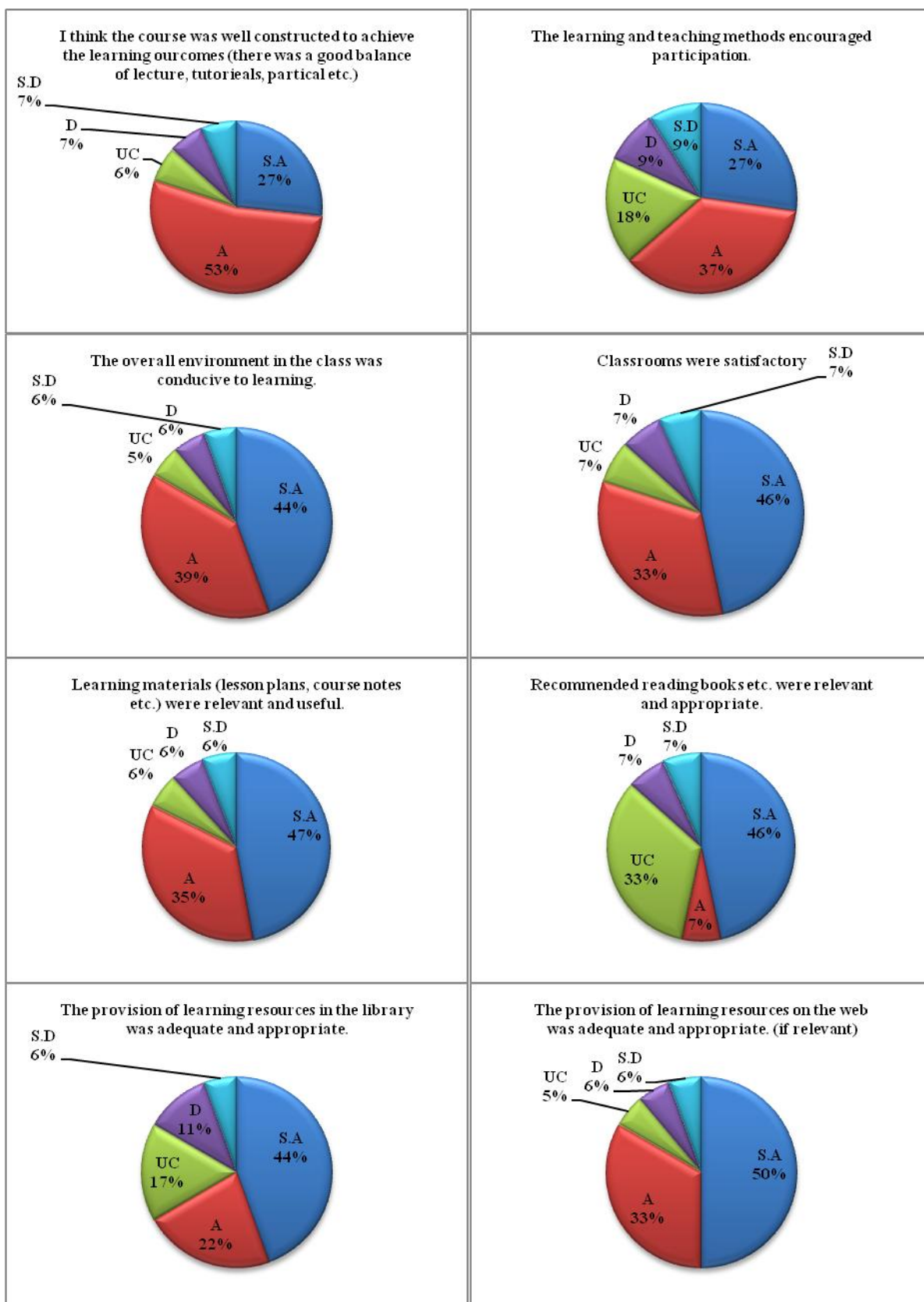
- Reference material required.
- Detail tutorials should be provided.

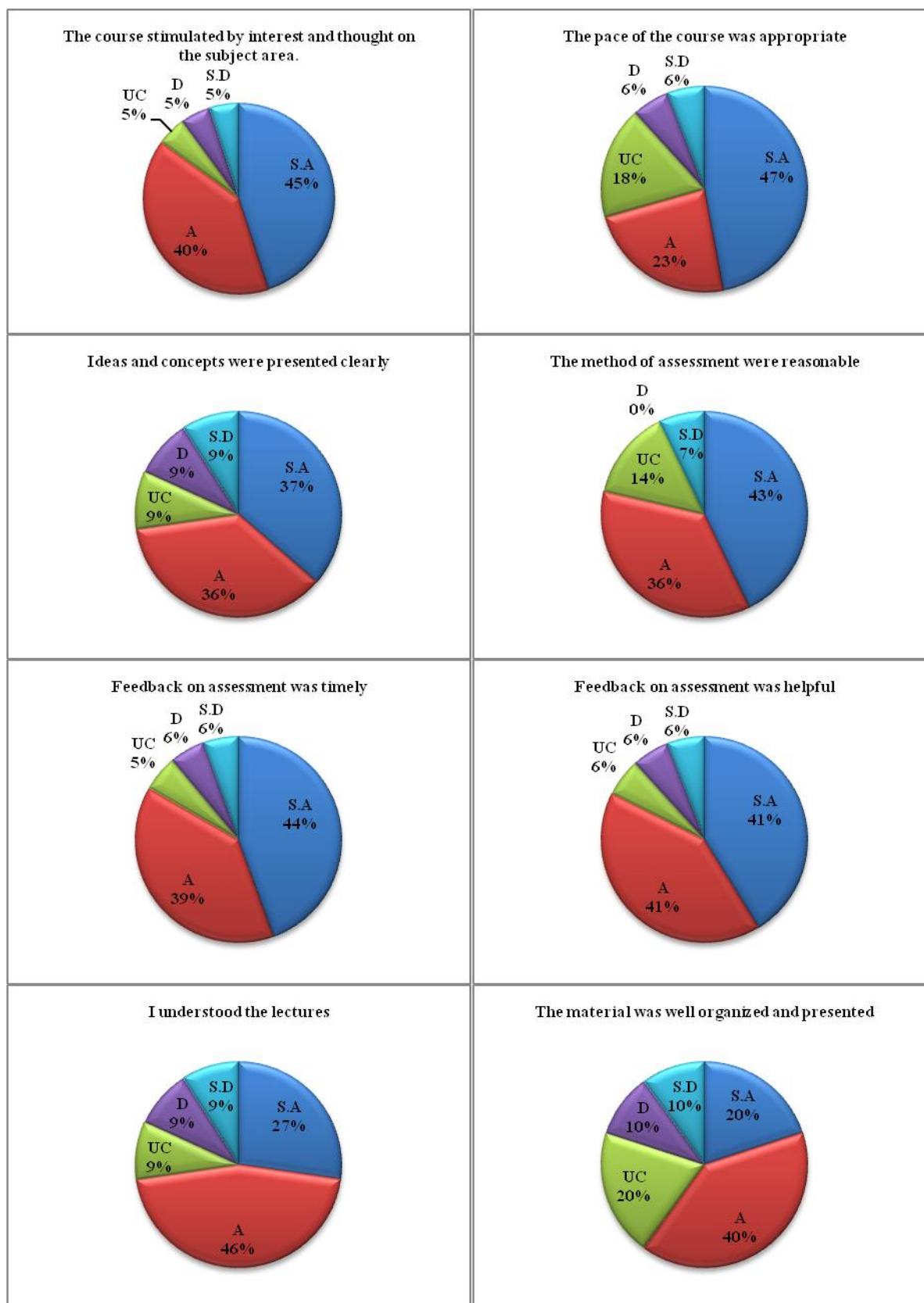
CS-423 (Ms. Bushra Hamid)

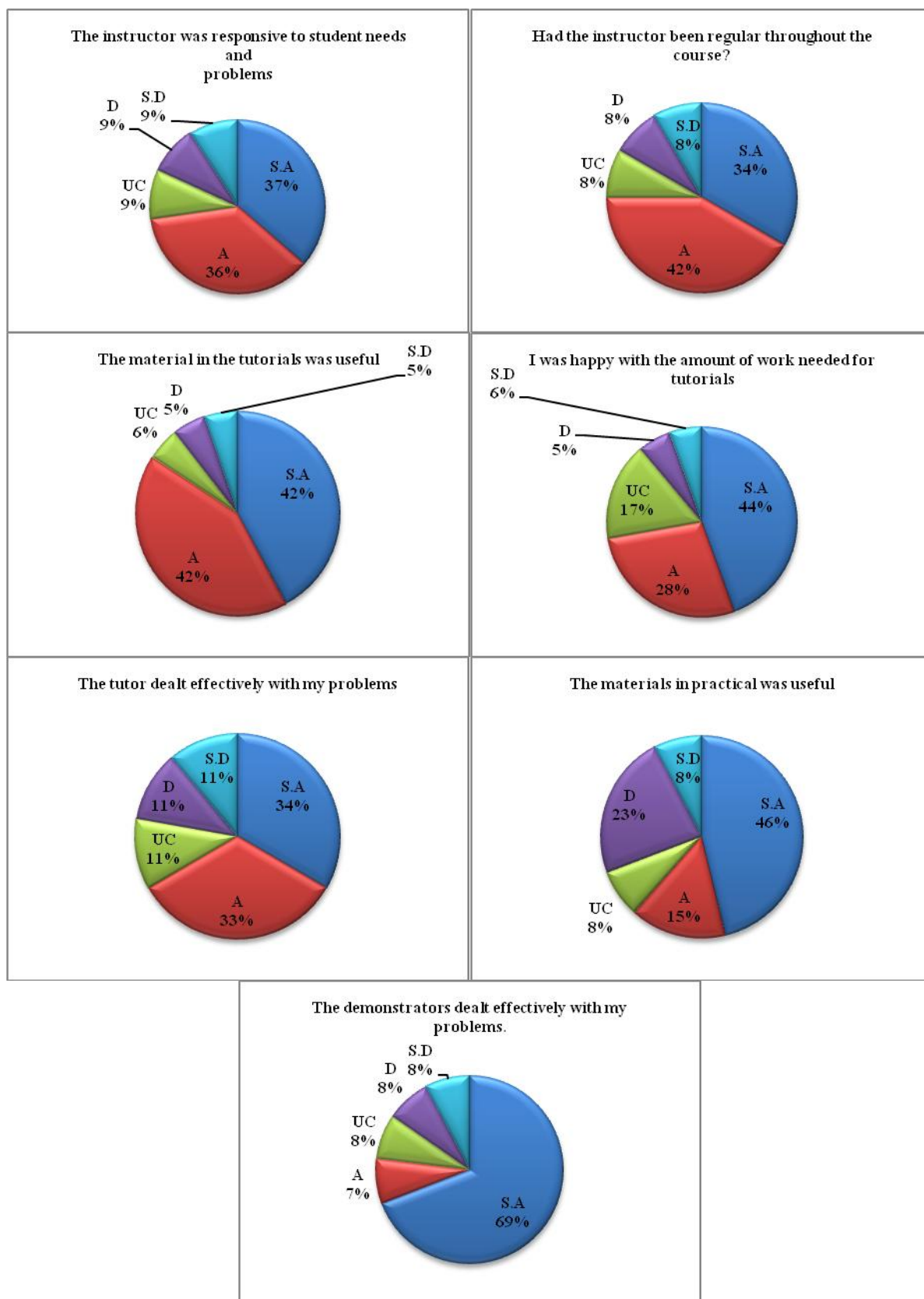
The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 37% are strongly agreed, 36% are agreed, 9% are uncertain, 9% disagreed and 9% strongly disagreed. The graph for “The course workload was manageable”, shows that 23% are strongly agreed, 54% are agreed, 7% are uncertain, 8% disagreed and 8% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 46% are strongly agreed, 33% are agreed, 7% are uncertain, 7% disagreed and 7% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 44% are strongly agreed, 39% are agreed, 5% are uncertain,

6% disagreed and 6% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 34% are strongly agreed, 33% are agreed, 11% are uncertain, 11% disagreed and 11% strongly disagreed. The graph for “The materials in practical was useful”, shows that 46% are strongly agreed, 15% are agreed, 8% are uncertain, 23% disagreed and 8% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 37% are strongly agreed, 36% are agreed, 9% are uncertain, 9% disagreed and 9% strongly disagreed.









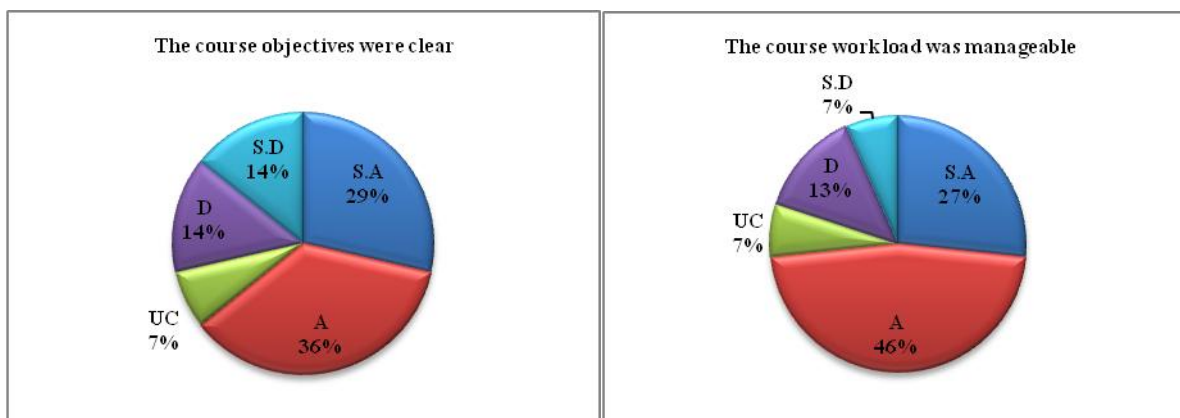
General Comments of the Students about this Course

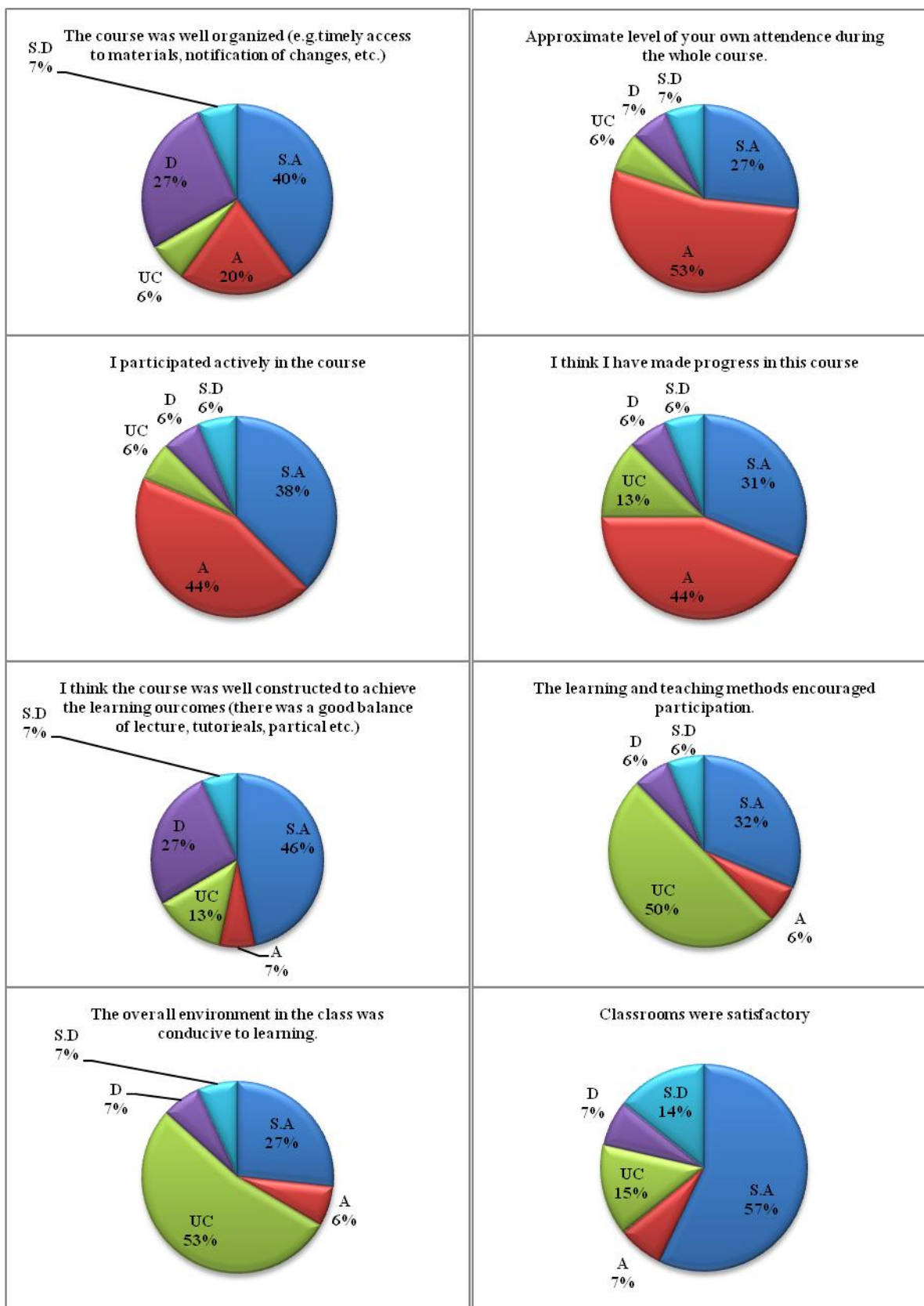
Strengths:

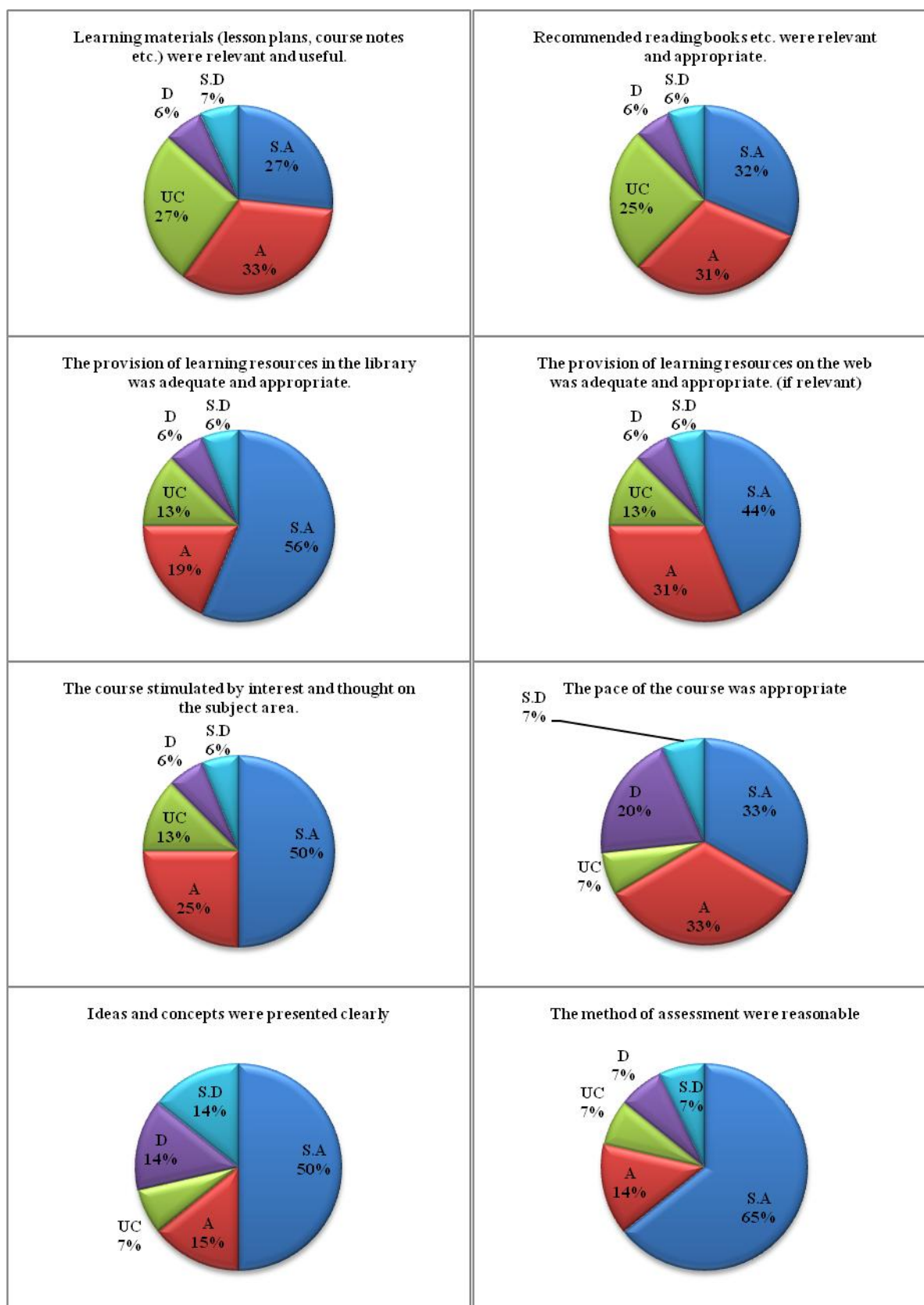
- The course was informative and interesting.
- The course was relevant to the field.

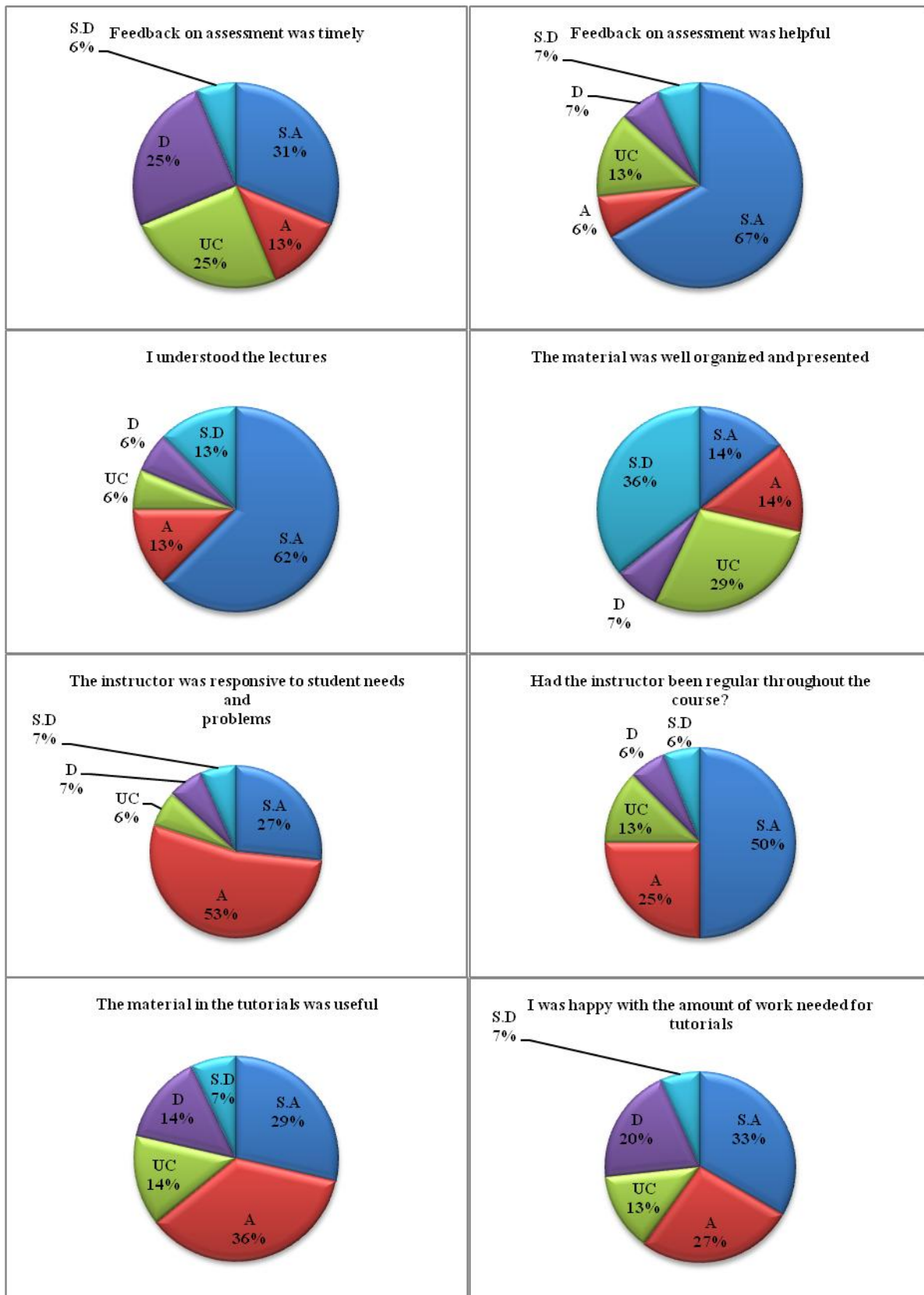
CS-452 (Ms. Bushra Hamid)

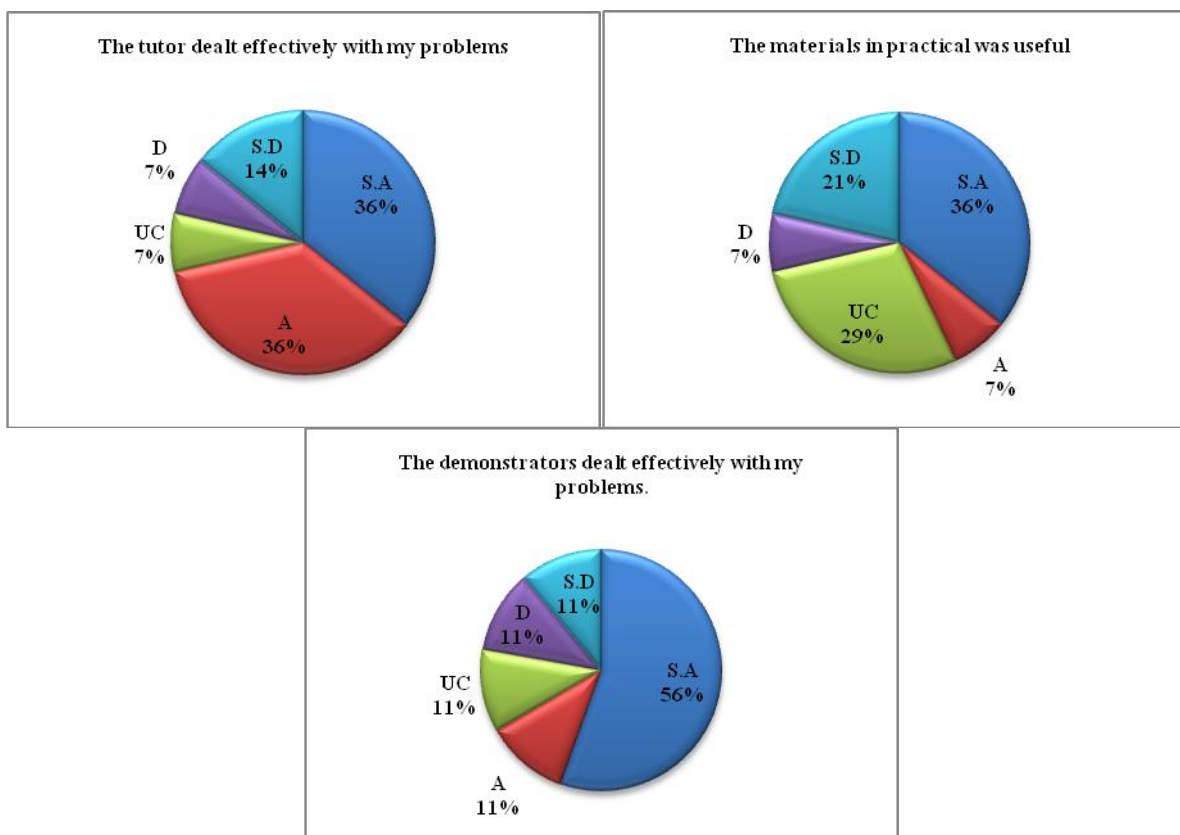
The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 29% are strongly agreed, 36% are agreed, 7% are uncertain, 14% disagreed and 14% strongly disagreed. The graph for “The course workload was manageable”, shows that 27% are strongly agreed, 46% are agreed, 7% are uncertain, 13% disagreed and 7% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 57% are strongly agreed, 7% are agreed, 15% are uncertain, 7% disagreed and 14% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 31% are strongly agreed, 13% are agreed, 25% are uncertain, 25% disagreed and 6% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 36% are strongly agreed, 36% are agreed, 7% are uncertain, 7% disagreed and 14% strongly disagreed. The graph for “The materials in practical was useful”, shows that 36% are strongly agreed, 7% are agreed, 29% are uncertain, 7% disagreed and 21% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 50% are strongly agreed, 15% are agreed, 7% are uncertain, 14% disagreed and 14% strongly disagreed.











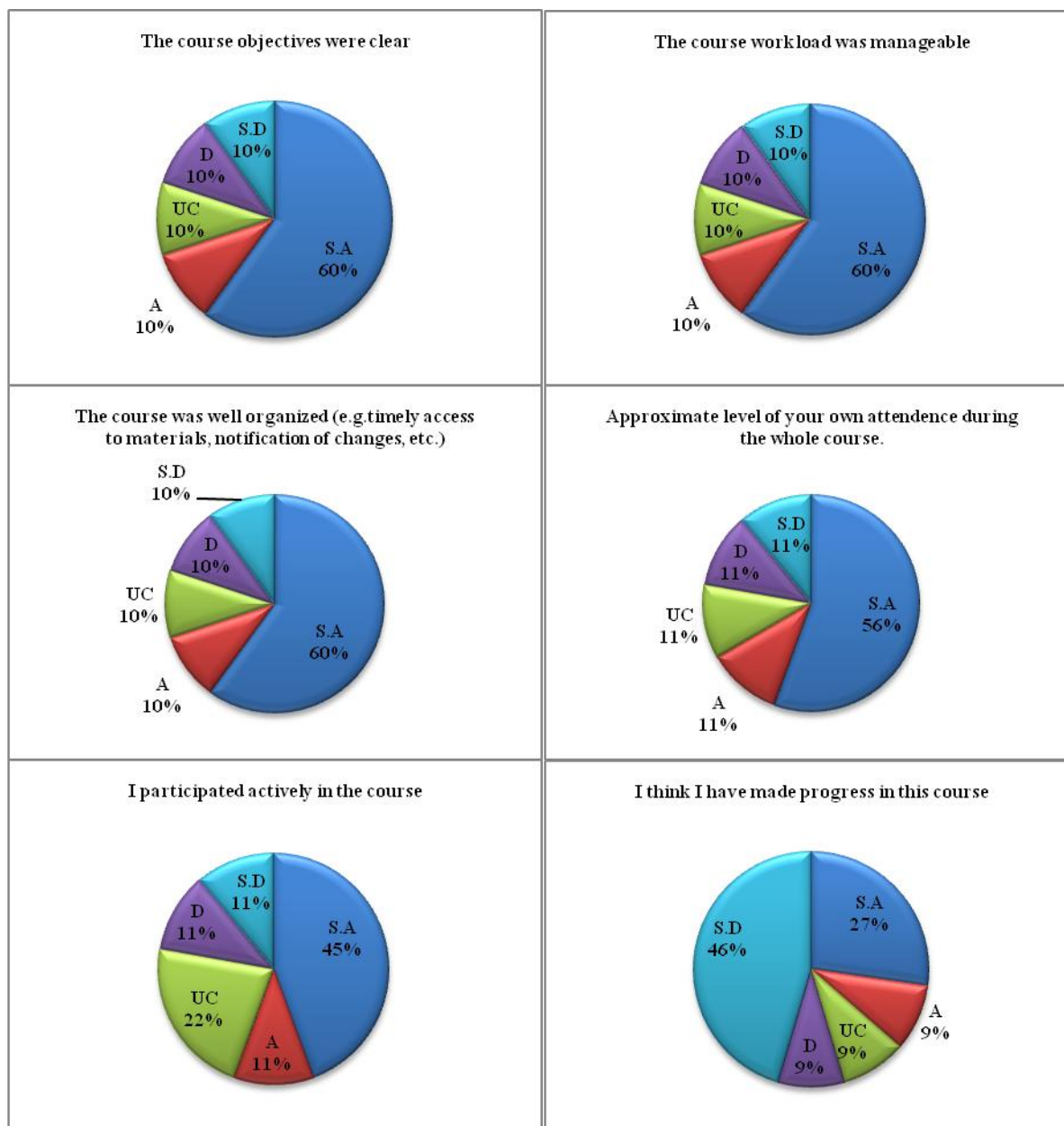
General Comments of the Students about this Course Weaknesses:

- Ideas and objectives were ambiguous.
- Learning environment and resources were not satisfactory.
- Course objectives must be clearly defined.
- The course work load was not manageable.

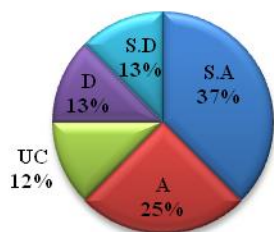
CS-323 (Ms. Bushra Hamid)

The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 60% are strongly agreed, 10% are agreed, 10% are uncertain, 10% disagreed and 10% strongly disagreed. The graph for “The course workload was manageable”, shows that 60% are strongly agreed, 10% are agreed, 10% are uncertain, 10% disagreed and 10% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 40% are strongly agreed, 10% are agreed, 10% are uncertain, 20% disagreed and 20% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 34% are strongly agreed, 22% are agreed, 11% are uncertain, 11% disagreed and 22% strongly disagreed. The graph for “The tutor dealt effectively

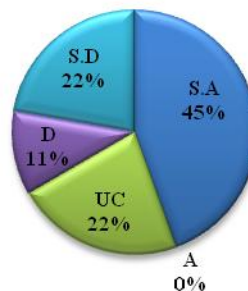
with my problems”, shows that 37% are strongly agreed, 12% are agreed, 25% are uncertain, 13% disagreed and 13% strongly disagreed. The graph for “The materials in practical was useful”, shows that 45% are strongly agreed, 11% are agreed, 22% are uncertain, 11% disagreed and 11% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 34% are strongly agreed, 11% are agreed, 22% are uncertain, 11% disagreed and 22% strongly disagreed.



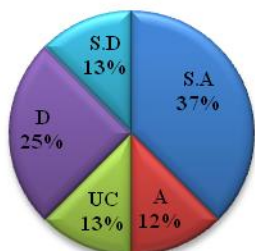
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



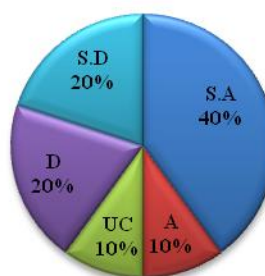
The learning and teaching methods encouraged participation.



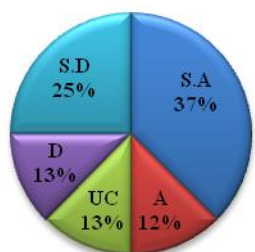
The overall environment in the class was conducive to learning.



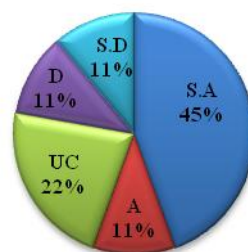
Classrooms were satisfactory



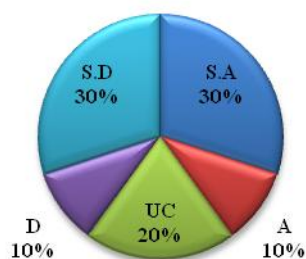
Learning materials (lesson plans, course notes etc.) were relevant and useful.



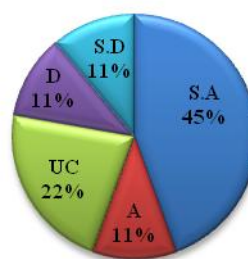
Recommended reading books etc. were relevant and appropriate.



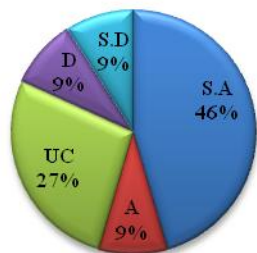
The provision of learning resources in the library was adequate and appropriate.



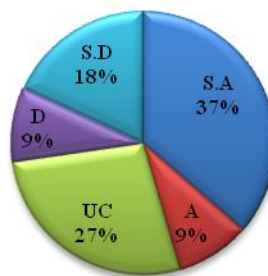
The provision of learning resources on the web was adequate and appropriate. (if relevant)



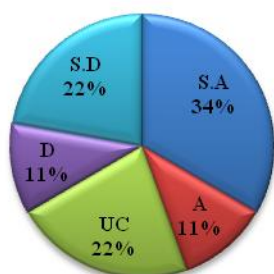
The course stimulated by interest and thought on the subject area.



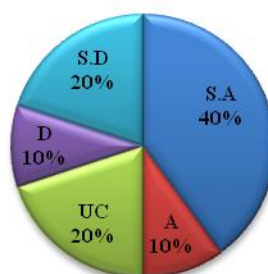
The pace of the course was appropriate



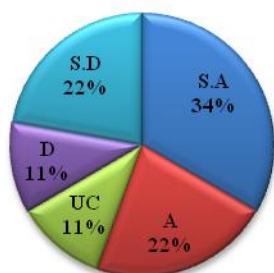
Ideas and concepts were presented clearly



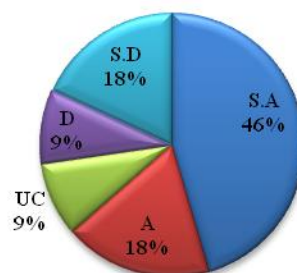
The method of assessment were reasonable



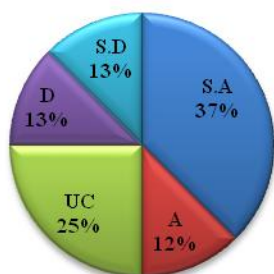
Feedback on assessment was timely



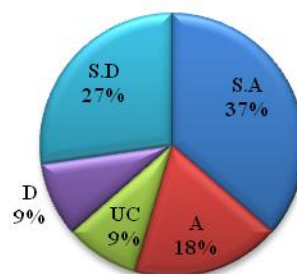
Feedback on assessment was helpful



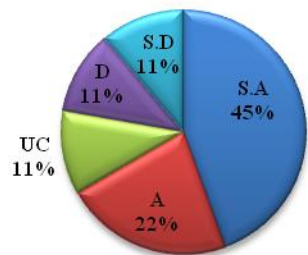
I understood the lectures



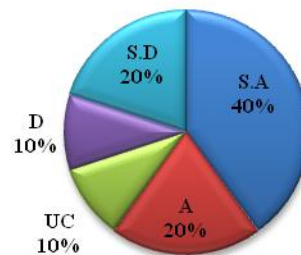
The material was well organized and presented



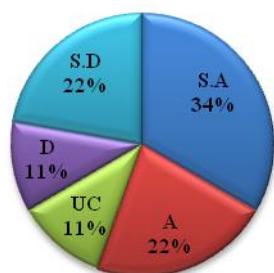
The instructor was responsive to student needs and problems



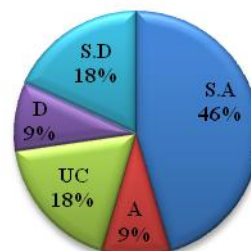
Had the instructor been regular throughout the course?



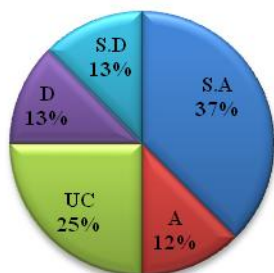
The material in the tutorials was useful



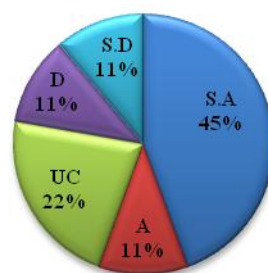
I was happy with the amount of work needed for tutorials



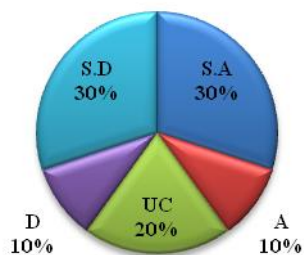
The tutor dealt effectively with my problems



The materials in practical was useful



The demonstrators dealt effectively with my problems.



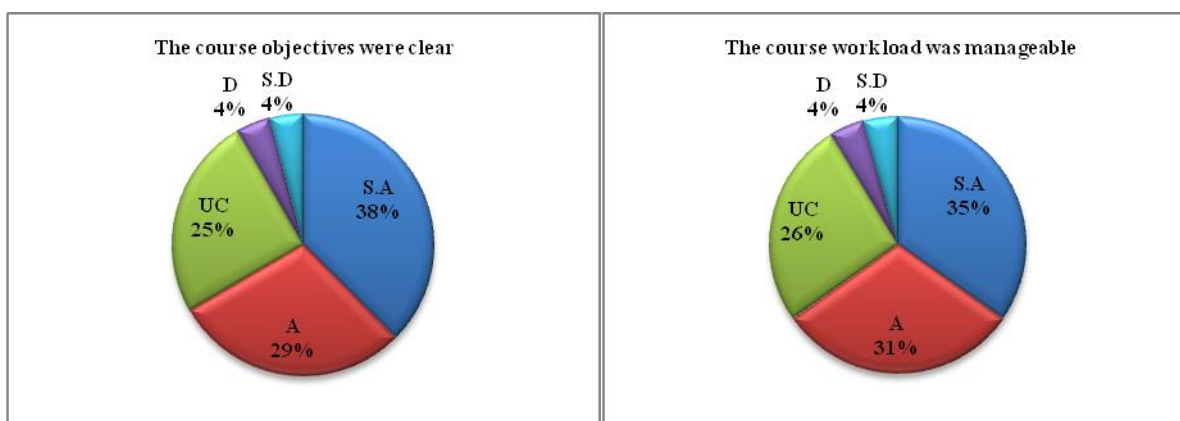
General Comments of the Students about this Course

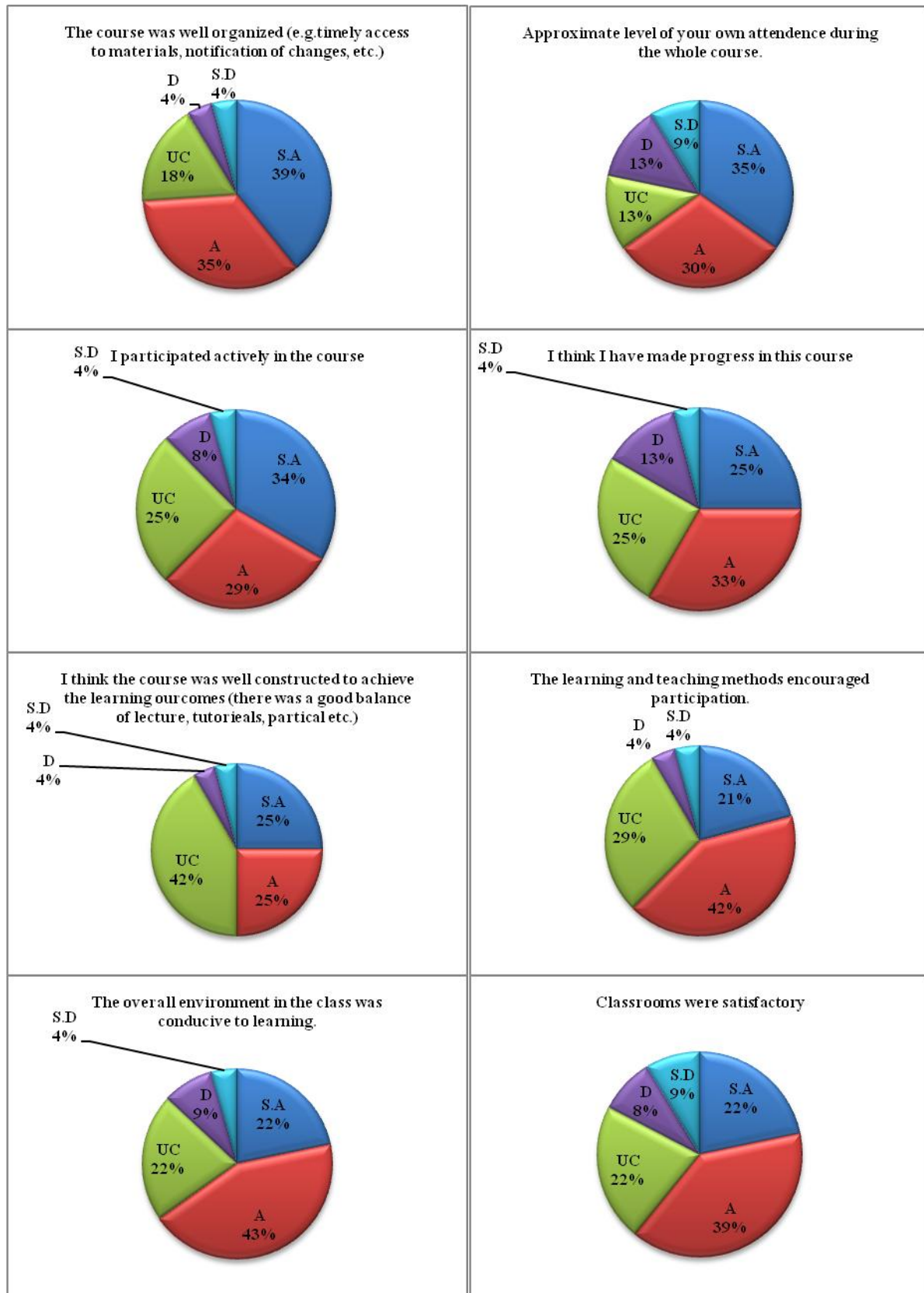
Weaknesses:

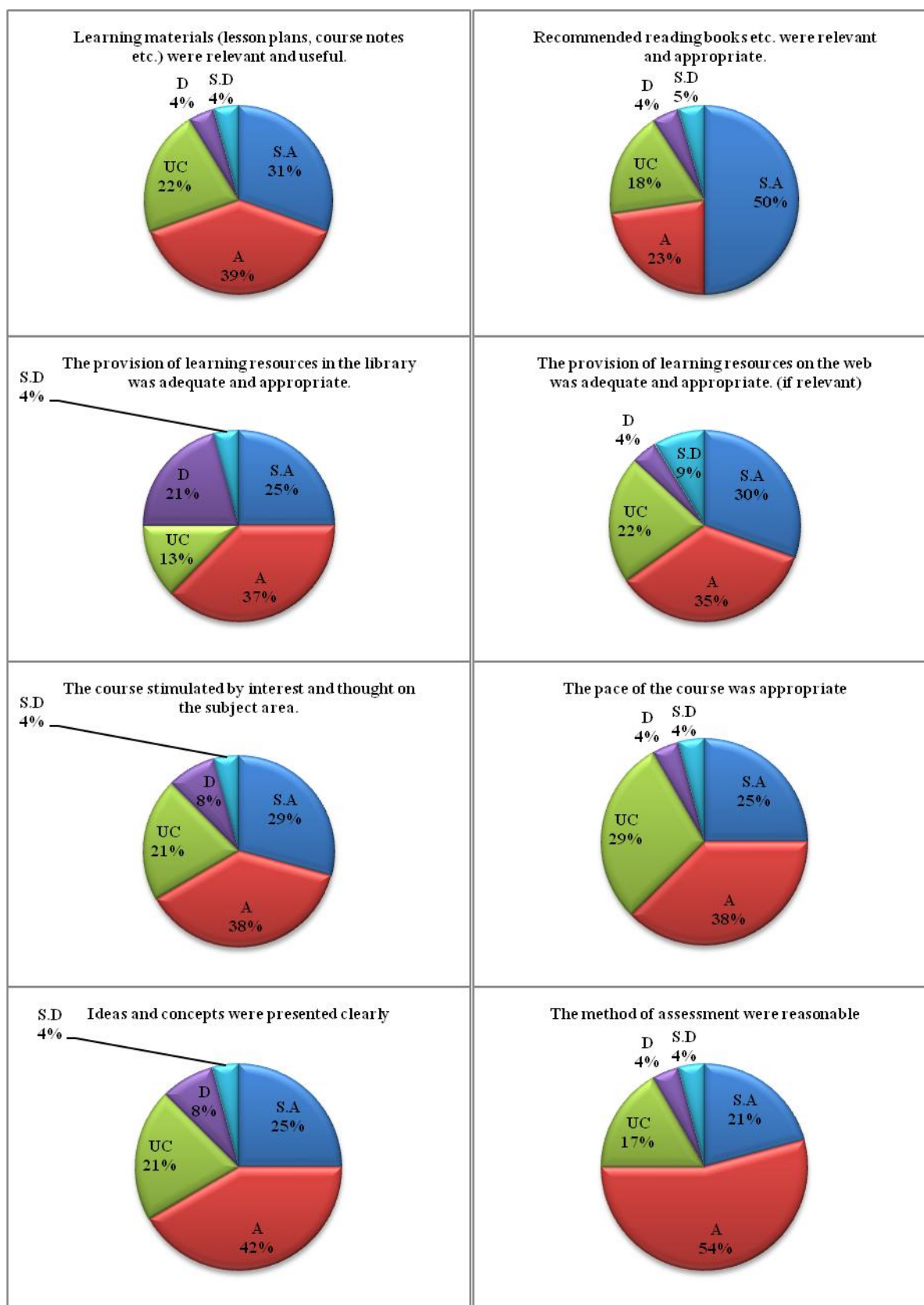
- The instructor should respond to the student's needs and problems.
- Learning environment and resources were not satisfactory.
- Course objectives must be more clearly defined.
- The course should include modern knowledge and techniques.
- Proper materials were not available for practical demonstrations.

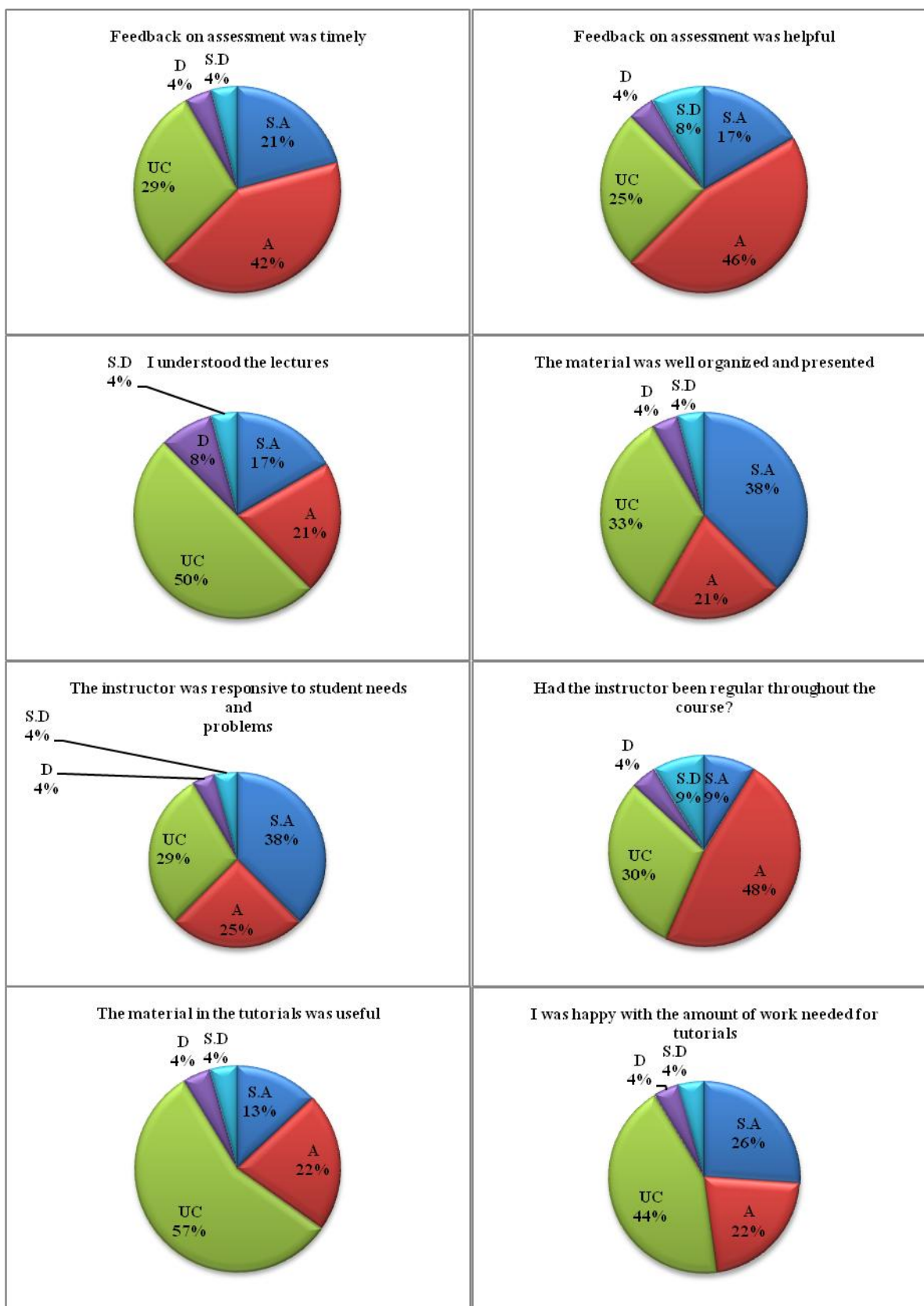
CS-577 (Mr. Syed Mushhad Gillani)

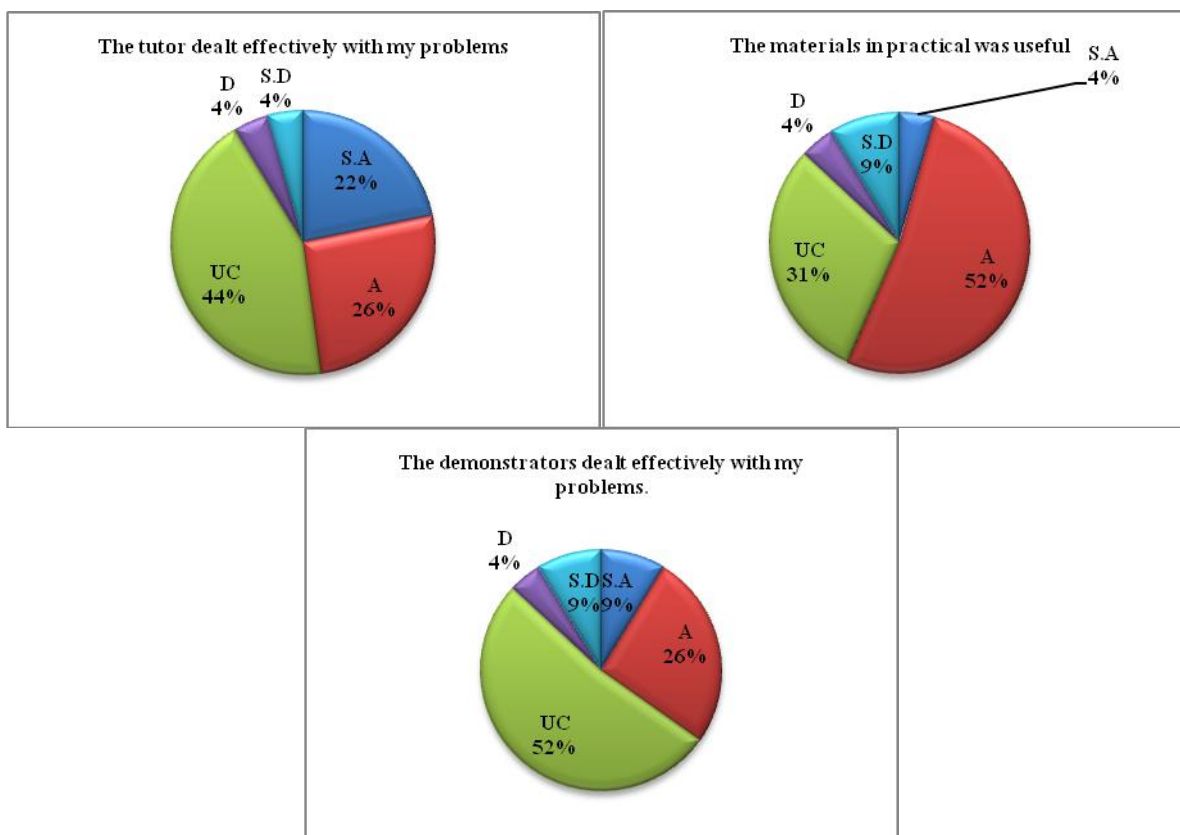
The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 38% are strongly agreed, 29% are agreed, 25% are uncertain, 4% disagreed and 4% strongly disagreed. The graph for “The course workload was manageable”, shows that 35% are strongly agreed, 31% are agreed, 26% are uncertain, 4% disagreed and 4% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 22% are strongly agreed, 39% are agreed, 22% are uncertain, 8% disagreed and 9% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 21% are strongly agreed, 42% are agreed, 29% are uncertain, 4% disagreed and 4% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 22% are strongly agreed, 26% are agreed, 44% are uncertain, 4% disagreed and 4% strongly disagreed. The graph for “The materials in practical was useful”, shows that 4% are strongly agreed, 52% are agreed, 31% are uncertain, 4% disagreed and 9% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 25% are strongly agreed, 42% are agreed, 21% are uncertain, 8% disagreed and 4% strongly disagreed.











General Comments of the Students about this Course

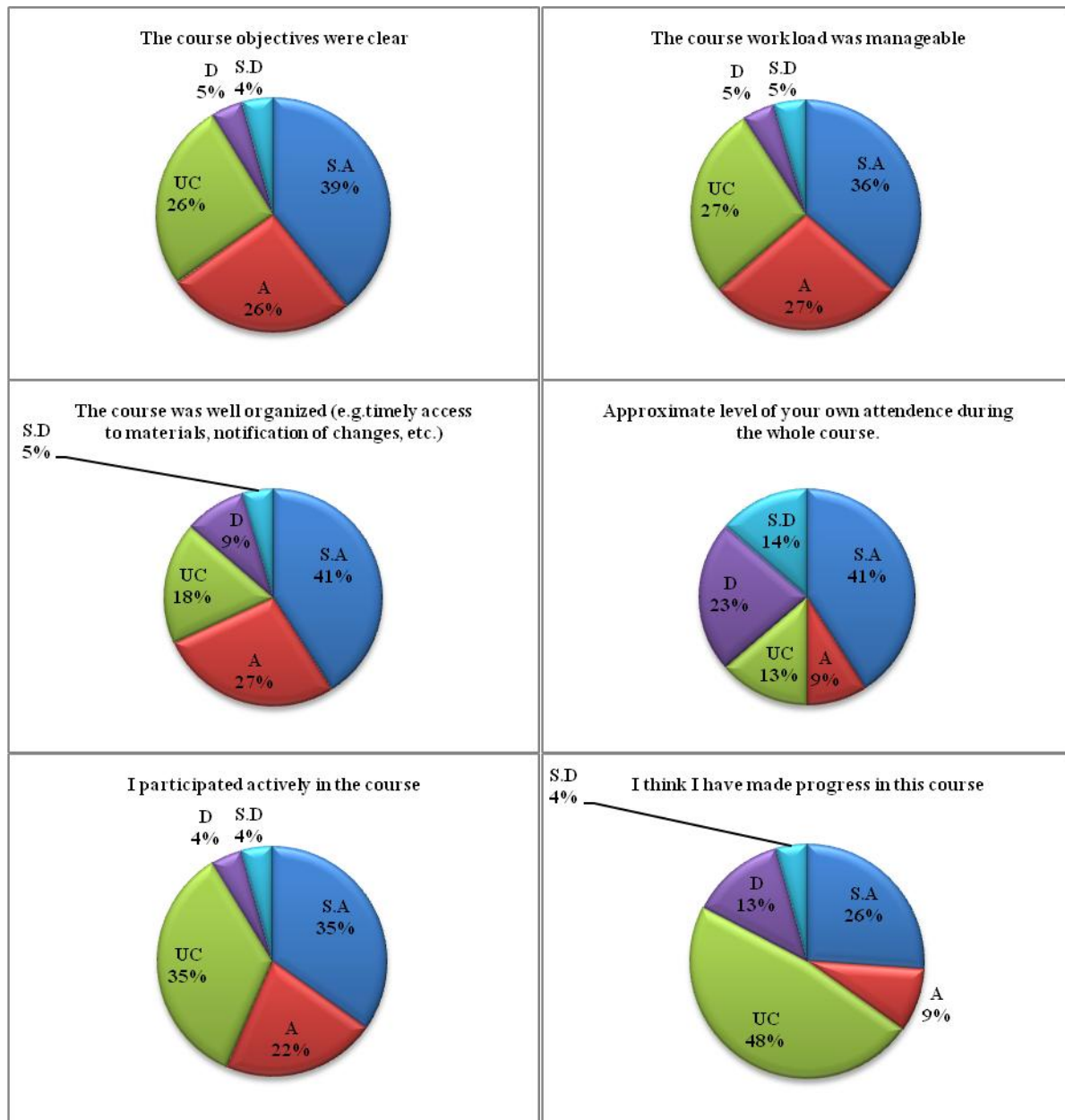
Weaknesses:

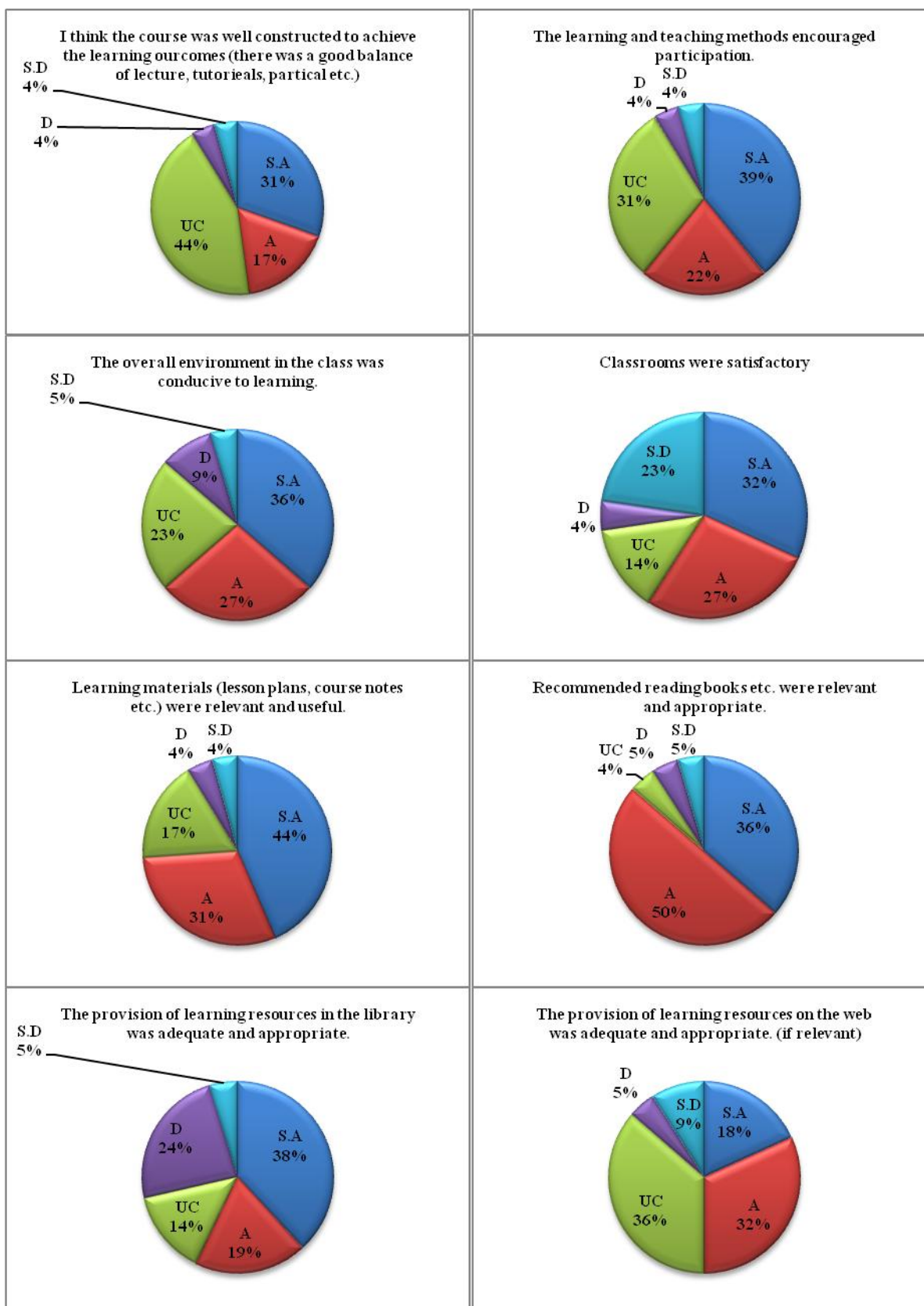
- Learning environment and resources were not satisfactory.
- Course objectives must be clearly defined.
- The course should include modern knowledge and techniques.
- More practical must be arranged in labs.

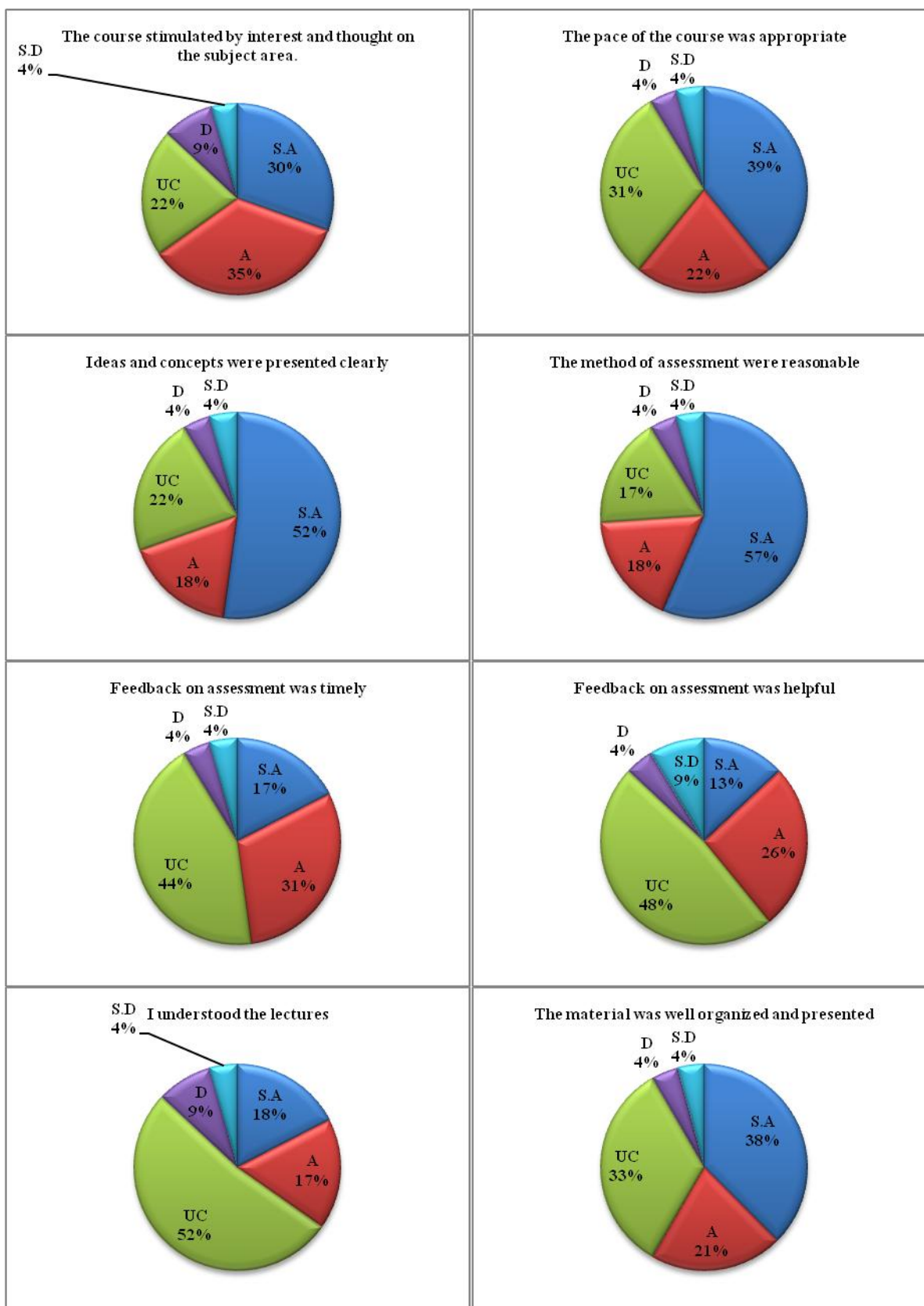
CS-565 (Mr. Saqib Majeed)

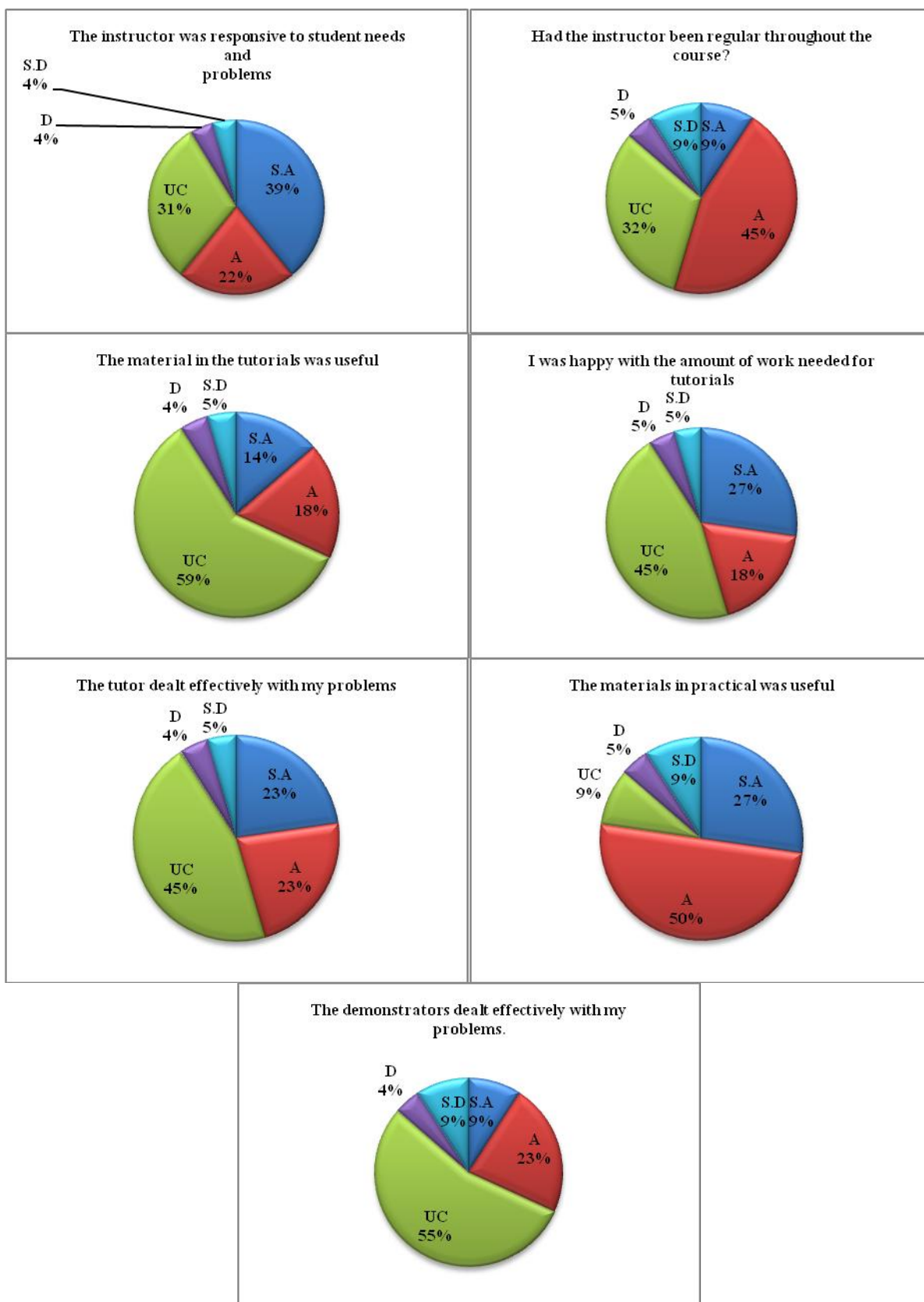
The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 39% are strongly agreed, 26% are agreed, 26% are uncertain, 5% disagreed and 4% strongly disagreed. The graph for “The course workload was manageable”, shows that 36% are strongly agreed, 27% are agreed, 27% are uncertain, 5% disagreed and 5% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 32% are strongly agreed, 27% are agreed, 14% are uncertain, 4% disagreed and 23% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 17% are strongly agreed, 31% are agreed, 44% are uncertain, 4% disagreed and 4% strongly disagreed. The graph for “The tutor dealt effectively

with my problems”, shows that 23% are strongly agreed, 23% are agreed, 45% are uncertain, 4% disagreed and 5% strongly disagreed. The graph for “The materials in practical was useful”, shows that 27% are strongly agreed, 50% are agreed, 9% are uncertain, 5% disagreed and 9% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 52% are strongly agreed, 18% are agreed, 22% are uncertain, 4% disagreed and 4% strongly disagreed.









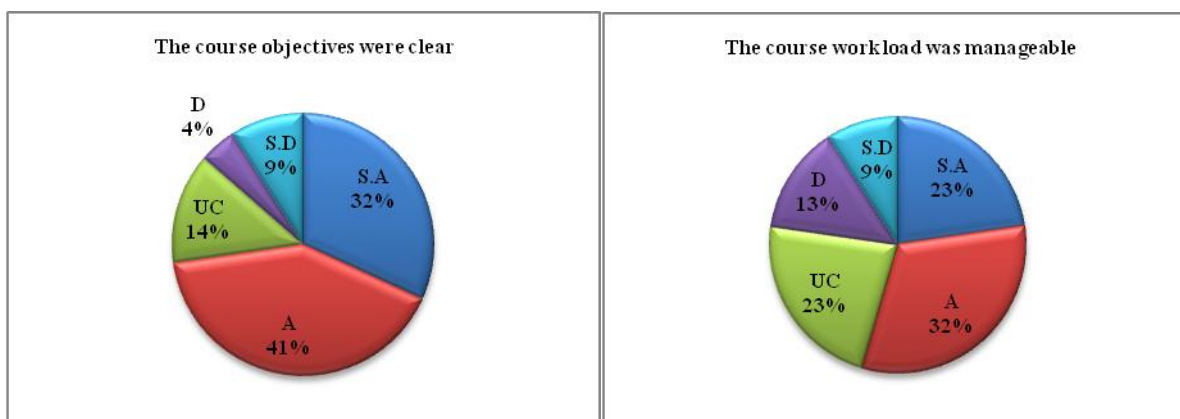
General Comments of the Students about this Course

Weaknesses:

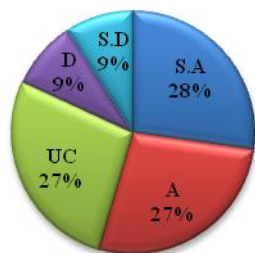
- Learning environment and resources were not satisfactory.
- Course objectives must be clearly defined.
- The course should include modern knowledge and techniques.

CS-565 (Mr. Muhammad Shabbir Hassan)

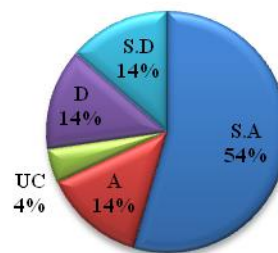
The graph shows the detail of evaluation. The graph for “The course objectives were clear”, shows that 32% are strongly agreed, 41% are agreed, 14% are uncertain, 4% disagreed and 9% strongly disagreed. The graph for “The course workload was manageable”, shows that 23% are strongly agreed, 32% are agreed, 23% are uncertain, 13% disagreed and 9% strongly disagreed. The graph for “Classrooms were satisfactory”, shows that 18% are strongly agreed, 39% are agreed, 22% are uncertain, 4% disagreed and 17% strongly disagreed. The graph for “Feedback on assessment was timely”, shows that 14% are strongly agreed, 50% are agreed, 18% are uncertain, 4% disagreed and 14% strongly disagreed. The graph for “The tutor dealt effectively with my problems”, shows that 36% are strongly agreed, 27% are agreed, 23% are uncertain, 5% disagreed and 9% strongly disagreed. The graph for “The materials in practical was useful”, shows that 9% are strongly agreed, 45% are agreed, 14% are uncertain, 18% disagreed and 14% strongly disagreed. The graph for “Ideas and concepts were presented clearly”, shows that 13% are strongly agreed, 45% are agreed, 14% are uncertain, 14% disagreed and 14% strongly disagreed.



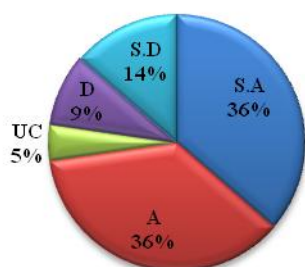
The course was well organized (e.g timely access to materials, notification of changes, etc.)



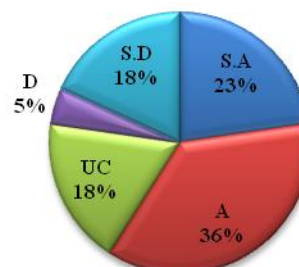
Approximate level of your own attendance during the whole course.



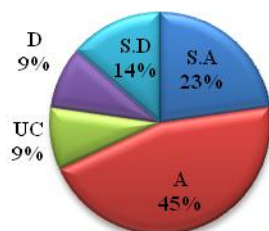
I participated actively in the course



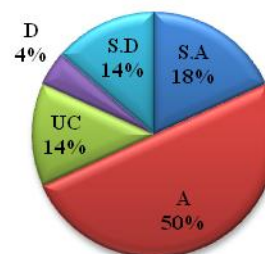
I think I have made progress in this course



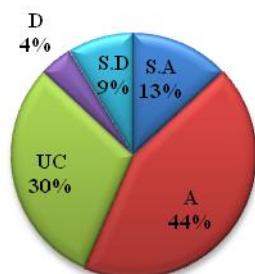
I think the course was well constructed to achieve the learning outcomes (there was a good balance of lecture, tutorials, practical etc.)



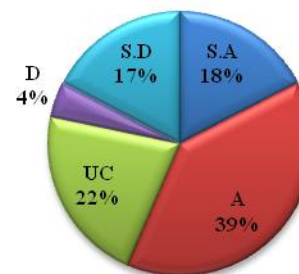
The learning and teaching methods encouraged participation.



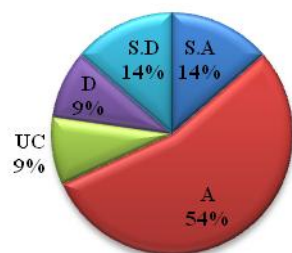
The overall environment in the class was conducive to learning.



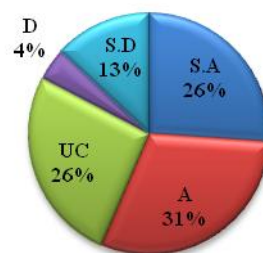
Classrooms were satisfactory



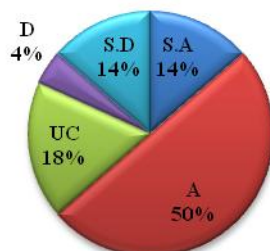
Learning materials (lesson plans, course notes etc.) were relevant and useful.



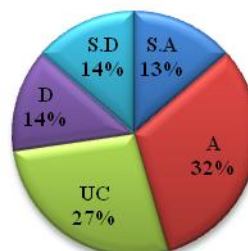
Recommended reading books etc. were relevant and appropriate.



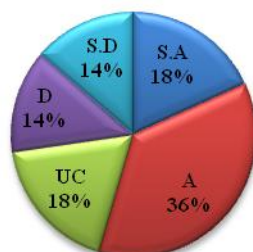
The provision of learning resources in the library was adequate and appropriate.



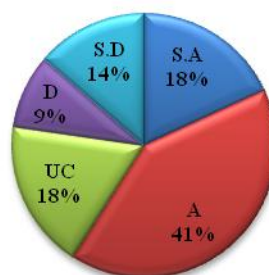
The provision of learning resources on the web was adequate and appropriate. (if relevant)



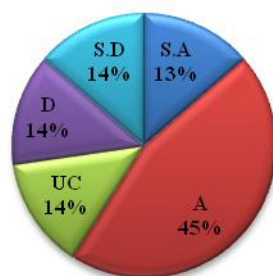
The course stimulated by interest and thought on the subject area.



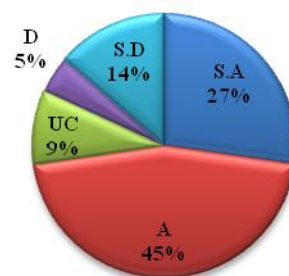
The pace of the course was appropriate

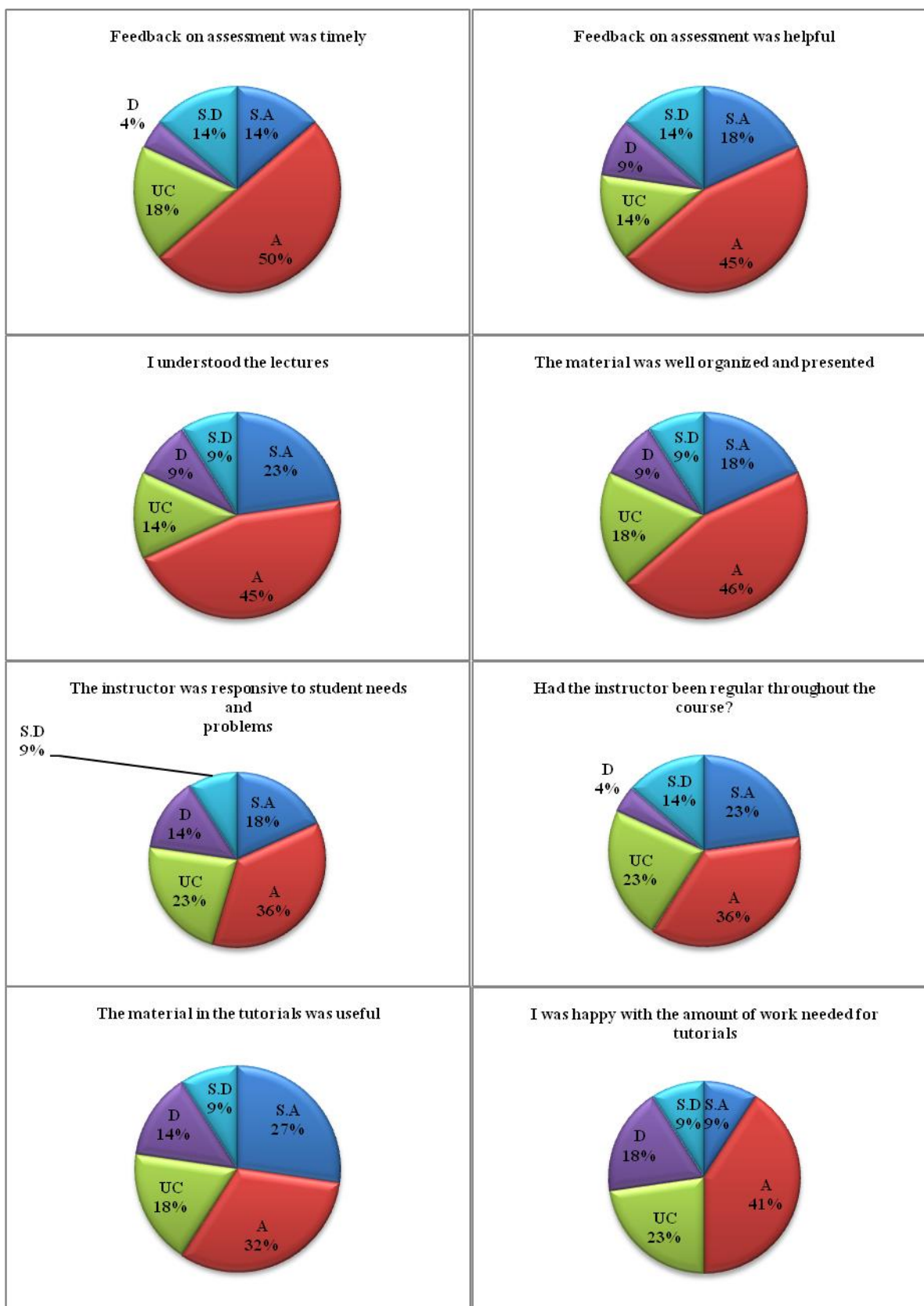


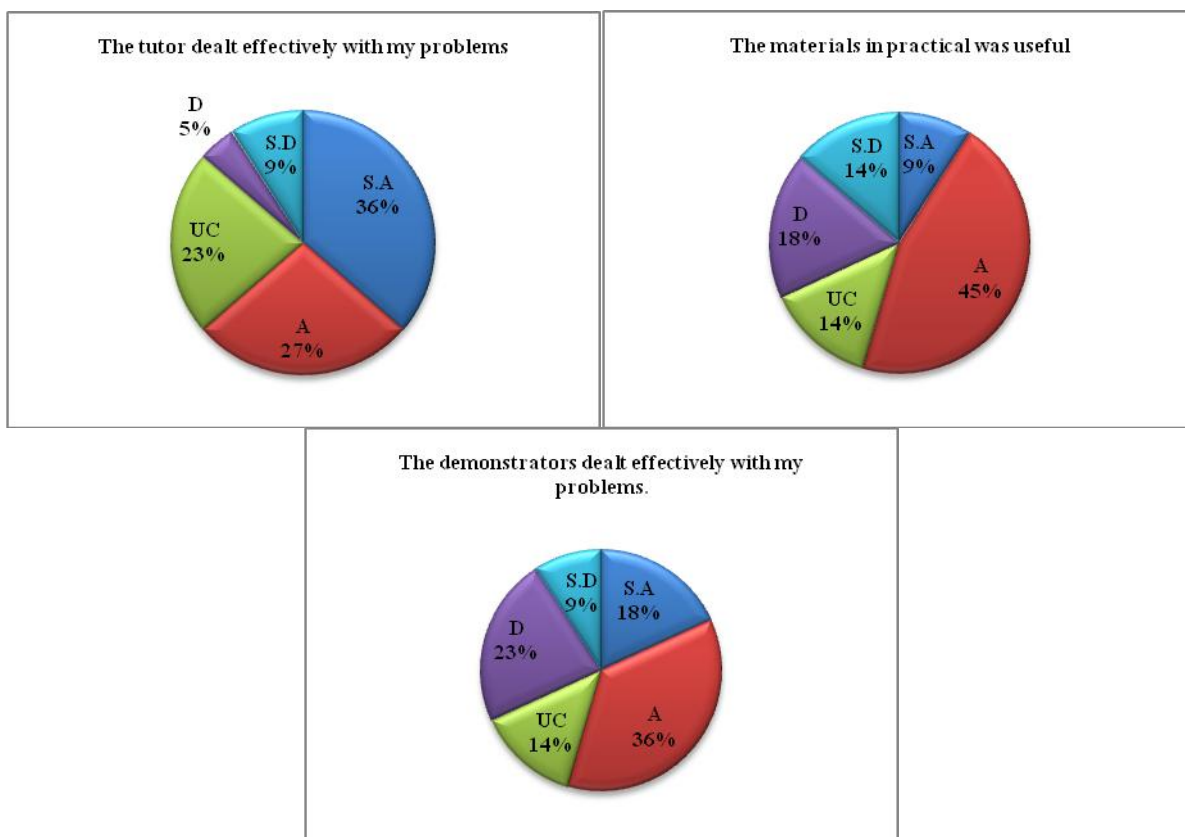
Ideas and concepts were presented clearly



The method of assessment were reasonable







General Comments of the Students about this Course

Weaknesses:

- The course should be upgraded and updated.
- Learning environment and resources were not satisfactory.
- Course objectives must be clearly defined.
- The course should include modern knowledge and techniques.

Survey of Alumni

The students after BSIT usually join organizations like software houses, telecom and multinational companies, schools, colleges, universities and few adopted higher education and then came to the research field. So Performa 7 was sent to the organizations and feedback was collected.

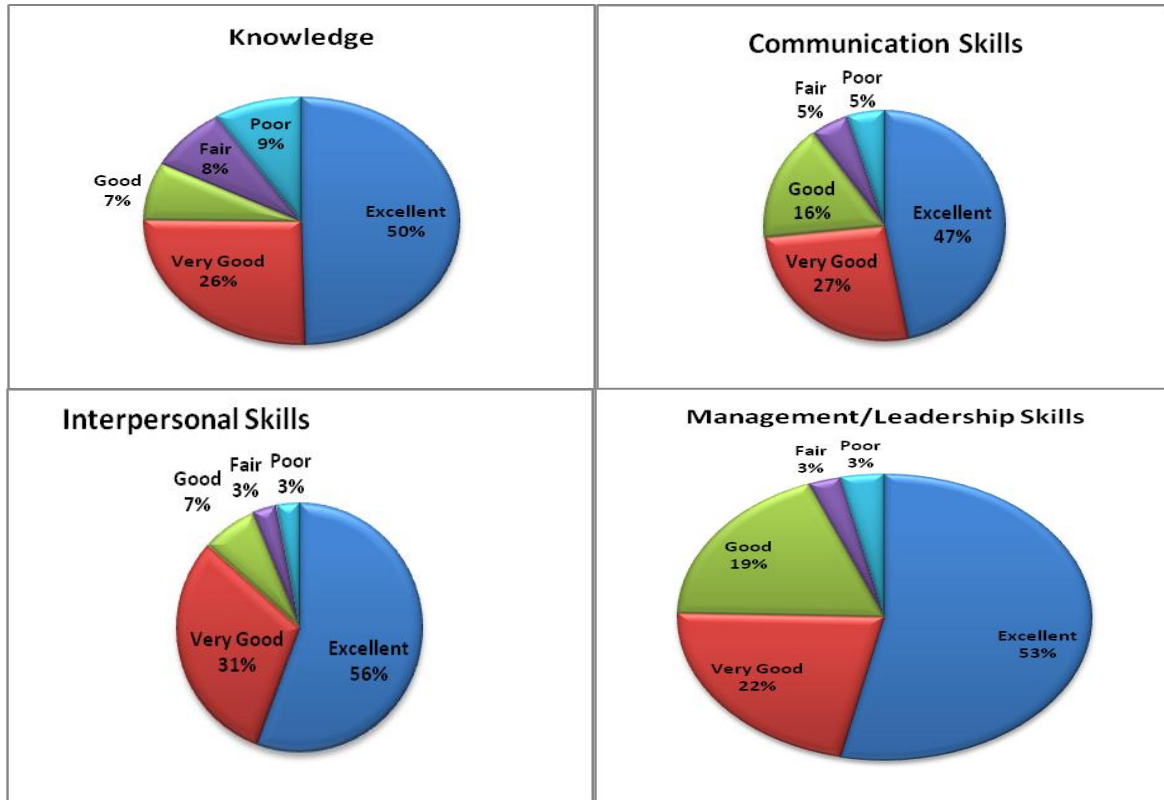


Figure 3: Result of Alumni Survey

The 50% alumni are of the view that BSIT graduates have excellent knowledge, 26% are of the view that they have very good knowledge, 7% view that knowledge is good, 8% are of the view that their knowledge is fair and only 9% are of the view that their knowledge is poor. The graph regarding communication skills show that 47% are excellent, 27% are very good, 16% are good, 5% are fair and 5% are poor. According to interpersonal skills graph, 56% are excellent, 31% are very good, 7% are good, 3% are fair and 3% are poor. The graph of management/leadership skills shows that 53% are excellent, 22% are very good, 19% are good, 3% are fair and 3% are poor. The detail graphs of individual parameters are given below.

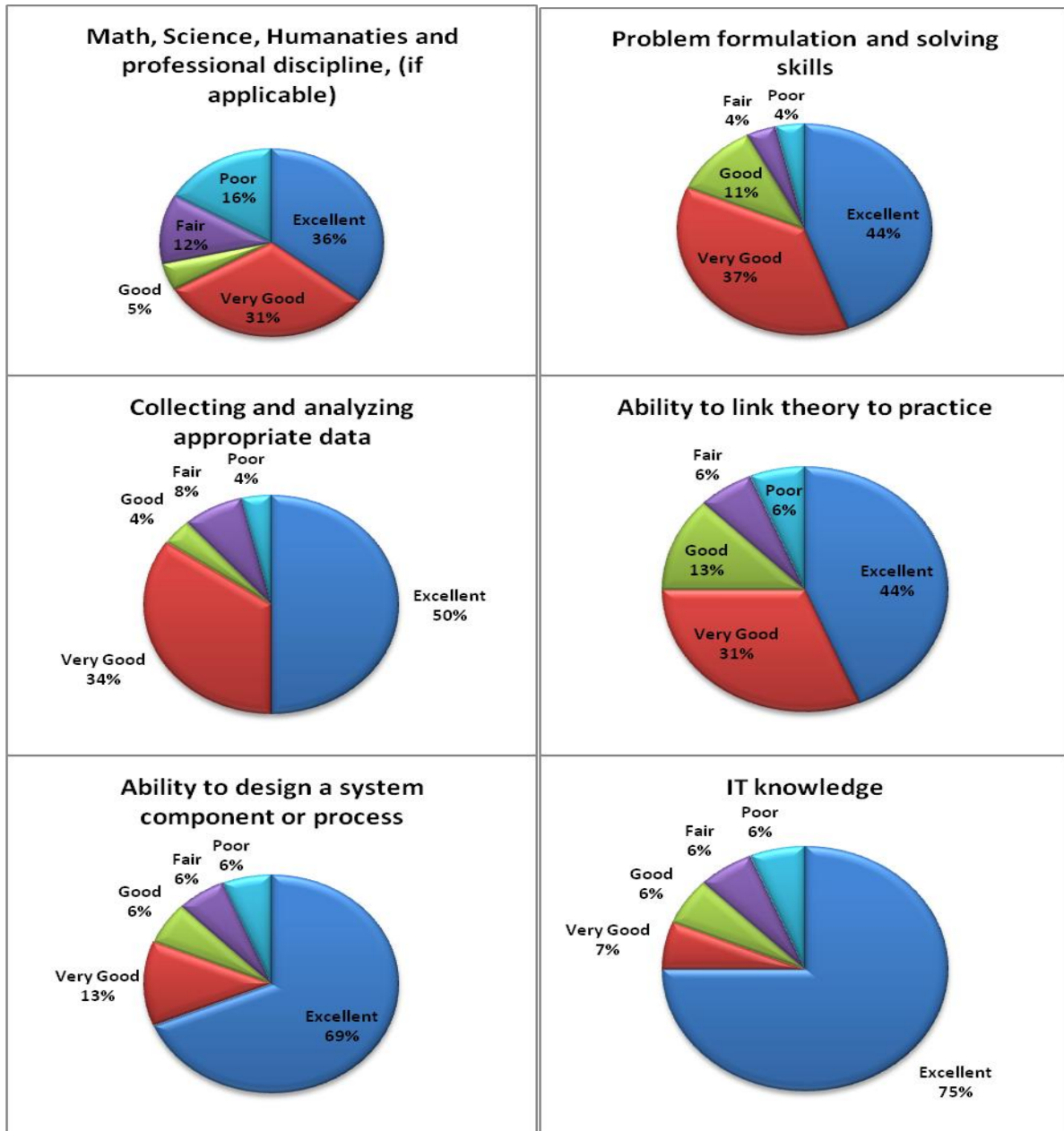


Figure 4: Knowledge

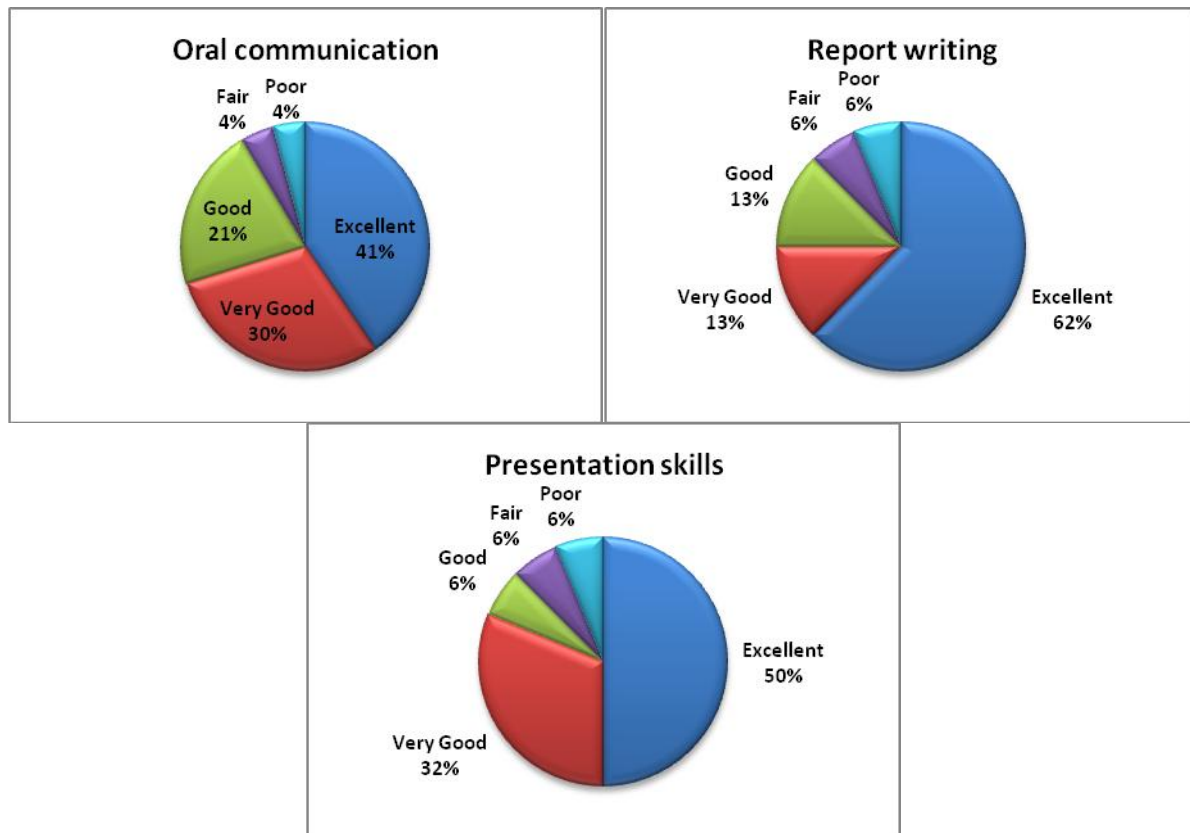


Figure 5: Communication Skills

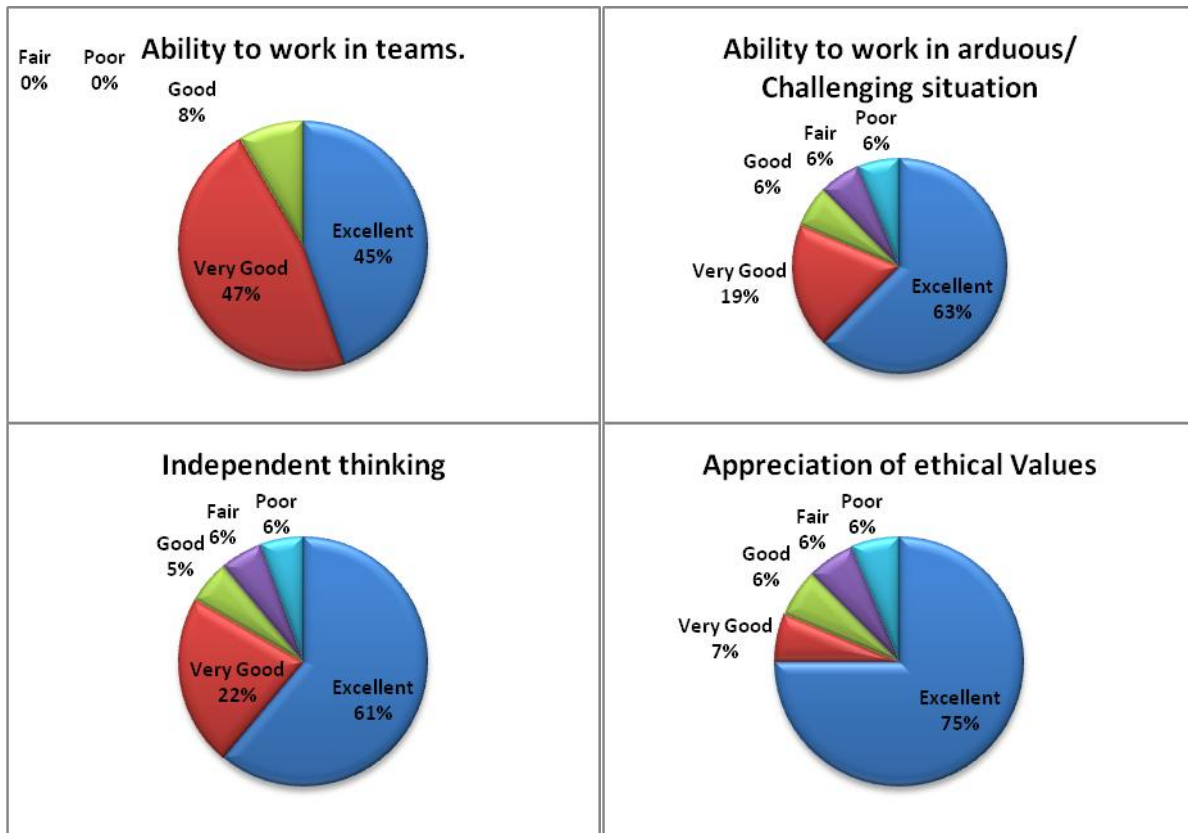


Figure 6: Interpersonal Skills

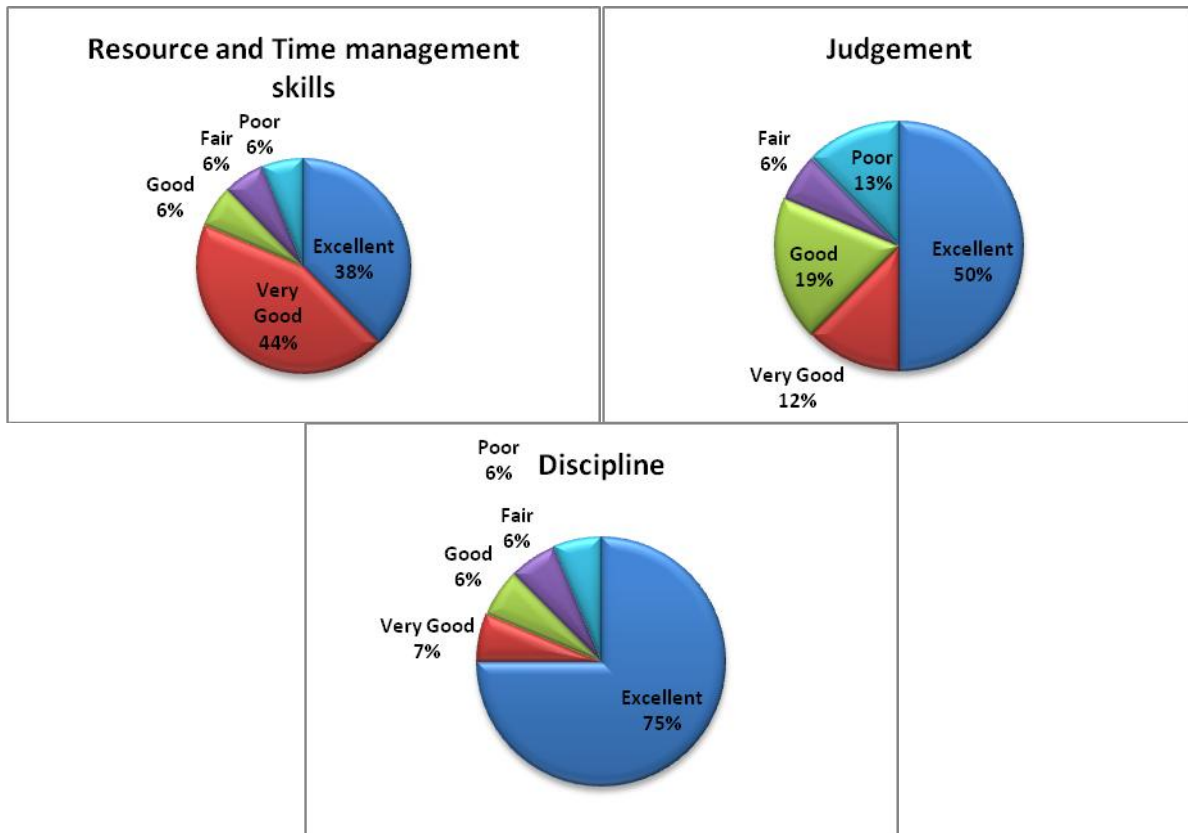


Figure 7: Management and Leadership Skills

Skills of Students as BSIT graduates

The students are equipped with latest technologies to work in a software house and in the telecom industry. The students also have knowledge to conduct research in the field of information technology. The students have adequate knowledge to teach in any academic institute.

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 36% students are very satisfied from the program, 29% are satisfied, 18% are uncertain, 10% are dissatisfied and 6% are very dissatisfied.

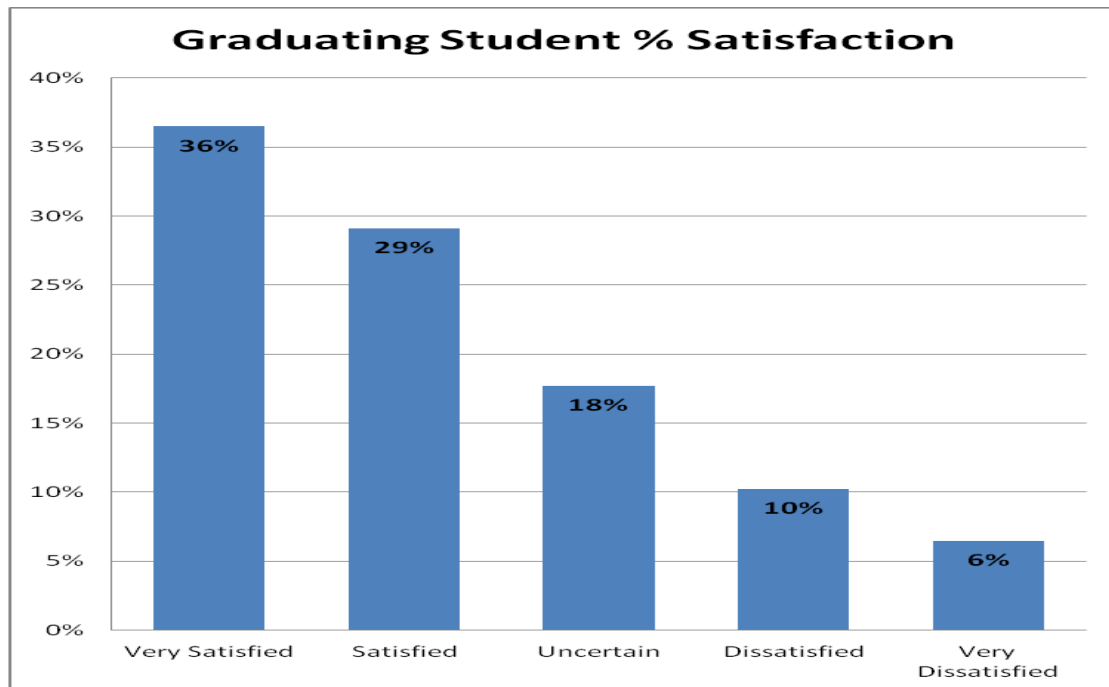


Figure 8: Survey of Graduating Students

Best Aspects of the Program:

- Qualified faculty
- Director helpful and deal the student's problem on time
- Introduction to the new technologies

Weaknesses:

- Less number of faculty members
- More lab time should be provided which should be independent of the time table so that students can work according to their choice.

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 institute has hired new faculty but still it is less according to the requirements. There should be some sitting place in the campus in extreme summer weather.

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

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

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

Faculty	Publications in Journals	Publications in proceedings/abstracts	Research Projects
Ms. Aisha Umair	-	-	-
Mr. Syed Mushadd Gillani	-	6	-
Ms. Bushra Hamid	-	2	-
Mr. Yasir Hafeez	-	6	1
Mr. Nasir Mehmood Minhas	1	8	-
Ms. Rubina Ghazal	-	-	-
Mr. Muhammad 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	BSIT degree awarded	36	The first batch was passed in 2011
li	MS (IT) degree awarded	-	--
iii	Ph.D. degree awarded	-	--

iv	Post-Doc fellowship	-	--
V	Students: Faculty ratio	-	1:35
vi	Technical: Non-technical Ratio	-	Fulfils HEC criteria

Employer Survey

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

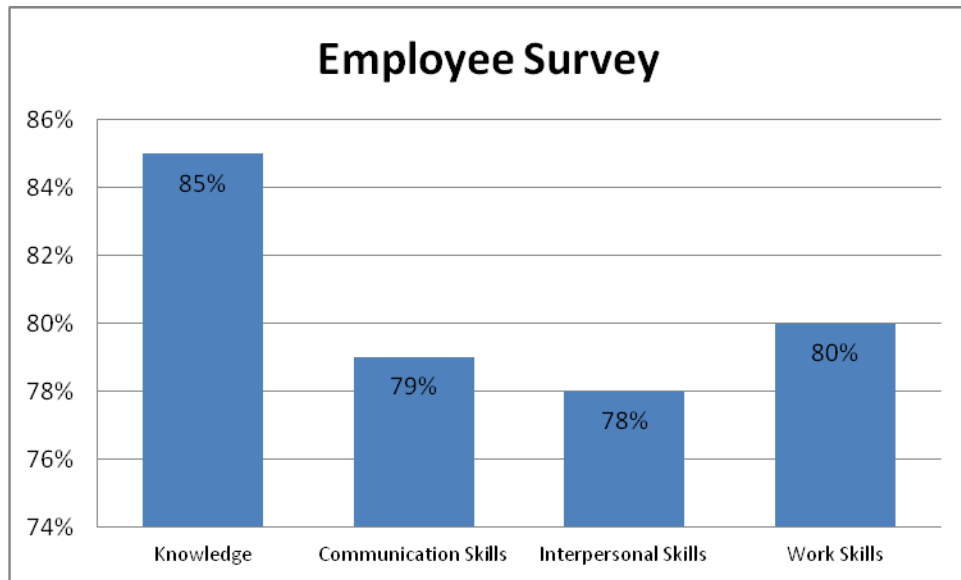


Figure 9: Employee Survey for Determining the Student's Skill Level

The graph shows the employees view regarding the students. The 85% students have enough knowledge regarding their field. The 79% have communication skills to communicate with the people of their own field. The 78% students have Interpersonal skills and 80% students have work skills related to the field. All the employees were of the view that the students have potential and they can be more productive.

CRITERION 2: CURRICULUM DESIGN AND ORGANIZATION

Degree Title: BS (IT)

Purpose:

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 two degree programs are organized by the department. BS (IT) and BS (CS): The BS (IT) 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 programs objectives.

Table 5: Courses versus Outcomes

Courses	Outcomes								
	1	2	3	4	5	6	7	8	9
ENG 305, ENG-315, ENG-325, SSH-303	+	+++	+++	++	+	++	+	+	+++
MGT-310, MGT-511, MGT-520, MGT-316, MGT-421	++	+++	+	++	+	+	+	+++	+
MTH310, MTH-315,MTH-415,MTH-435,STT-500,STT-510	+++	++	+	+	++	+	+	+++	++
CS301,CS-323,CS-423,CS-443, CS-432,CS-525,CS-692	++	++	++	+++	++	+	++	+	+
CS-452,CS-552,CS-652,CS-465,CS-565,CS-665	++	+++	++	++	++	++	+++	+	+++

+ = Moderately Satisfactory

++ = Satisfactory

+++ = Highly Satisfactory

Assessment of BSIT Curriculum

The assessment of the BS IT 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 2-2: Theoretical backgrounds, problem analysis and solution design must be stressed within the program's core material.

The Table below shows the categorization of courses which plays vital role in building theoretical background, problem analysis and designing a solution.

Division of Courses in Theoretical Background, Problem Analysis and Solution Design

Table 5(a): Detail of courses representing theoretical background, problem analysis and solution design

Element	Course Code	Course Title
Theoretical Background	ENG-305	English Comprehension
	IS-302	Islamic Studies
	SSH-302	Pakistan Studies
	PHY-401	Physics-I
	MGT-421	Islamic Studies
	PHY-416	Physics-II
	CS-452	Software Engineering I
	ENG-325	Communication Skills
	CS-301	Introduction to Computing
	CS-577	Computer Communication and Networks
	CS-465	Web Engineering
	MGT316	Introduction to Marketing
	ENG-315	Technical and Business Writing
	SSH-303	Professional Ethics
	PSY-600	Psychology
	CS-582	Operating System Concepts

Problem Analysis	CS335	Discrete Structures
	MTH-310	Calculus and Analytic Geometry
	MTH-315	Multivariable Calculus
	MGT-421	Fundamentals of Management
	CS-430	Digital Logic Design
	MTH-415	Differential Equations
	STT-500	Statistics and Probability
	MTH-435	Linear Algebra
	CS-542	Analysis of Algorithms
	CS-552	Software Engineering II
	CS-572	Numerical Analysis
	STT-510	Statistical Analysis
	MGT-520	Human Resource Management
Solution Design	CS-323	Programming Fundamentals
	CS-423	Object Oriented Programming
	CS-400	Database Systems
	CS-443	Data Structures and Algorithms
	CS-565	Web Design and Development
	CS-432	Modern Programming Languages
	CS-665	Ecommerce
	MGT 310	Financial Accounting
	CS-692	Visual Programming
	CS-525	Multimedia Technologies
	CS-600	Distributed Database Systems
	CS-692	Visual Programming
	CS-699	Software Project

Standard 2-3: The curriculum must satisfy the core requirements for the program, as specified by the respective accreditation body. Examples of such requirements are given in Table A.1, Appendix A.

The curriculum is designed according to the requirements of the Accreditation Council of Pakistan and is duly approved by the Academic Council of PMAS-AAUR.

Standard 2-4: The curriculum must satisfy the major requirements for the program as specified by HEC, the respective accreditation body / councils. Examples of such requirements are given in Table A.1, Appendix A.

The institute has its own faculty board comprising of ten members, one member from sister institute, two members from the academic council of PMAS-AAUR and seven members from faculty of UIIT. All courses of BSIT degree are designed according to the defined standard of HEC by the said faculty board and curriculum is duly approved by the academic council of the university.

Standard 2-5: The curriculum must satisfy general education, arts, and professional and other discipline requirements for the program, as specified by the respective accreditation body / council. Examples of such requirements are given in Table A.1, Appendix A.

The course distribution in the curriculum of BSIT is according requirements of Accreditation Council of Pakistan and HEC

Standard 2-6: Information technology component of the curriculum must be integrated throughout the program.

The degree of BS IT is a computer science professional degree. The extensive programming and application courses are included in the degree. It includes major computer science, software engineering and information technology courses.

Table 5(b): Credit Hour Division between major areas

Category	Credit Hours	Cumulative Credit Hours
Computing-Core Courses	39	78
Major (Computer Sciences/Software Engineering/Information Technology)-Core Courses	18	
Major (Computer Sciences/Software Engineering/Information Technology) Based –Electives	21	
Supporting Sciences	21	55
General Electives	16	
University Electives	18	
Total Credit Hours		133

Standard- 2.7: Oral and written communication skills of the student must be developed and applied in the program.

To enhance the communication skills of students, UIIT has included a number of General Education courses as per HEC criterion.

Table 5(c): General Education Courses

Course Code	Course Title	Credit Hours
ENG-305	English Comprehension	3(3-0)
ENG-315	Technical Business Writing	3(3-0)
EMG-325	Communication Skills	3(3-0)
SSH-303	Professional Ethics	3(3-0)

A number of seminars and workshops are arranged by the students and the faculty as part of the practical work of certain courses.

CRITERION 3: LABORATORIES AND COMPUTING FACILITIES

Table 6: contains the detail of the lab and computing facilities at UIIT

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
	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)
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		

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.

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

The detailed information of 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:	15
Multimedia Projector Count:	18
Over Head Projectors Count:	7
Total Lab Computers:	285
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 maintained in the year 2011-2012 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. Department in its own capacity arranges guided tours of the department. Director Students Affairs itself 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, practice is carried out in the labs. Study tours to various research organizations and software houses are also organized to keep them updated with the latest developments in the area and to stimulate them for discussion through teacher/student interaction.

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

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

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

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

Table 7: Student to Teacher Ratio at UIIT

2008-09	2009-10	2010-11	2011-12
1:23	1:27	1:30	1:35

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 BS IT 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 institution 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.
- Standard set by HEC are followed.
- At present, no procedure exists for retaining highly qualified faculty members. However, the revised pay scales structure is quite attractive.
- HEC also supports appointment of highly qualified members as foreign faculty Professors, National Professors and deputed them to the concerned departments 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, department periodically revises the curriculum in view 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 in the staff meetings.

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 program BS-IT.

A. Full-Time Faculty Information

Table 8: Full Time Faculty Members at UIIT

Full-Time Faculty Size	Number of faculty members with PhD MS		Full Professors	Associate Professors	Assistant Professors	Lecturers	Teaching Assistants/Fellows
22	3	16	0	01	09	09	-

B. Part-Time Faculty Information

Table 9: Part Time Faculty Members at UIIT

Part-Time Faculty Size	Number of Part-Time Faculty Members with PhD MS		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
(Fall-11)	02	15	48	24	1:2
(Spring-12)	03	16	38	24	1:1.58

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

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 to the training for the available resourced. Currently many faculty members are studying in Pakistan and abroad in MS and PhD level studies.
- The 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 career. A table of Results of faculty Survey is at next Page. (Table 13 Result of Faculty Survey)

Table 10: Result of Faculty Survey

S. No	Parameters	Mr. Sheeraz Akram	Mr. Nasir Mehmood Minhas	Ms. Irum Rubab	Ms. Fakhra Mushtaq	Mr. Malik Nadeem Ahmed	Mr. Muhammad Nazir	Mr. Shehzad Saqib	Mr. Yasir Hafeez	Ms. Rubina Ghazal	Dr. M. Ramzan	Ms. Aisha Umair	Ms. Bushra Hamid	Mr. Syed Mushhad Gillani
1	Your mix of research, teaching and community service	B	B	B	B	B	B	B	B	B	B	A	B	B
2	The intellectual stimulations of your of your work.	B	B	B	B	A	B	B	B	B	B	B	B	B
3	Type of teaching /research you currently do.	B	B	A	B	B	B	B	B	B	B	B	B	B
4	Your interaction with students.	C	B	A	B	B	B	B	C	A	B	A	B	C
5	Cooperation you receive form colleagues.	B	B	A	B	A	B	C	C	C	B	B	C	B
6	The mentoring available to you.	B	C	B	B	B	C	B	C	B	C	C	B	B
7	Administrative support from the department.	B	B	B	C	B	B	B	B	B	B	B	B	B
8	Providing clarity about the faculty promotion process.	C	B	A	C	C	C	D	C	D	B	C	D	B
9	your prospects for advancement and progress through ranks.	C	B	B	C	B	B	C	C	C	C	C	C	C
10	Salary and compensation package.	C	B	B	C	B	B	B	E	D	C	E	D	C
11	Job security and stability at the department.	C	B	B	B	B	B	B	B	D	C	B	D	C
12	Amount of time you have for yourself and family.	C	B	B	B	C	B	B	D	B	C	D	B	C
13	The over all climate at the department.	B	B	B	B	B	B	B	C	B	B	C	B	B
14	Whether the department is utilizing your experience and knowledge	C	B	B	C	B	C	B	B	B	B	B	B	B

15	What are the best programs / facts currently available in your department that enhance you motivation and job satisfaction	The MS Program and BS CS Program	New Building, Latest Equipment	NIL	MS and BS CS Program	Colleagues are well qualified and fresh in research, MS and BS CS Program	Available of Resources, Motivation for Higher Studies	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	Research Environment should be improved	NIL	Promotion of Research culture to give faculty a chance for improving research.	The workload of the faculty should be – re- considered	Need to improve Research Environment, Research Grants should be provided to faculty members. Needs to organize conference at National level at UIIT	NIL	Different workshop related to IT should be organized.	NIL	NIL	NIL	NIL	NIL

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. In the library there is insufficient 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 as 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 for the faculty but faculty is facing certain problems such as:

- Repeatedly power failure during the labs
- Faculty doesn't have access to many well known journals which are relevant to the field.

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 University Central Library has very limited number of books, journals and periodicals. It's a small library in term of space and facilities with no catalogue systems. It does not meet the standards of a University Library. The institute has its own small library which has computer science related group. But this library also lacks the book related to the latest field and the filed in which currently latest results are being conducted.

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

- Office environment is not comfortable to work at all during summer.
- Class rooms have limited size having optimal volume of white board.
- Because of fans, teacher keep on speaking and voice don't reach ahead of 2nd or 3rd row in summer, so there is a need to replace fans with air conditions.

CRITERION 8: INSTITUTIONAL SUPPORT

The university administration has been struggling hard to strengthen all the departments, and also upgrade them and establish new faculties and Institutes. The university is 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 BS-IT 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-IT in last ten years

2008-09	2009-10	2010-11	2011-12
100	98	405	350

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

Total assets of the institution	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.								
Total endowment fund of the institution									
	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Yearly budget for the past five years	- Funded through Most projects	11.933M		16.425M	18.105M	18.241M	13.107M	24.584M	25.409M
Institution's yearly budget for research and faculty development for the past five years ²	1.903M	0.80M	1.5M	1.0M	2.0M	2.0 M	1.049 M	1.168M	2.25M
Institution's yearly budget for library ¹	Ministry of Science & Technology had sponsored the establishment of this institute through a development project of Rs 27.96 M -- all such expenditures for two years were met through that project.	0.400M		0.600M	0.400M	0.300M	0.350M	0.350M	0.400M

Institution’s yearly budget for computing facilities	As Above		0.560M		1M		0.300M		0.300M		0.150M		0.400M		0.400M	
Total working capital of the department/sch ool/college that offers the program																
	2001-02		2002-03	2003-04	2004-05	2005-06		2006-07	2007-08		2008-09	2009-10				
Yearly budget of the department/scho ol/college that offers the program	As Above															
Department/sch ool/college’s yearly budget for research and faculty development for the past five years																
Fee Structure	Subsidized Fee: Rs 4600 Regular Fee: Rs. 24900		Subsidized Fee: Rs 7600 Regular Fee: Rs. 24900				Subsidize d Fee: Rs. 10100 Regular Fee: Rs.		Subsidiz ed Fee: Rs 8360 Regular Fee: Rs. 24900		Subsidi zed Fee: Rs 8360 Regular Fee: Rs.		Regular Fee Category Only: Rs 23190			

			24900		24900	
What are sources of income	Project of Most	Students fee and Govt. Grants				

SUMMARY AND CONCLUSION

The Self Assessment Report of the University Institute of Information Technology (UIIT), Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi for Degree Program Bachelor of Science, Information Technology (BSIT), gave a general introduction of the institution and a detailed discussion of the BSIT degree program. The discussion included significance of the degree program important features, objectives and outcomes and associated measures to assess the objectives.

The BSIT is a degree program spanning four years i.e. 8 semesters, having numerous courses, hence, all the faculty members are involved in teaching courses in the BSIT degree program. The program is designed according to the criteria specified by HEC, intend to meet the latest international market requirements in the field of Information Technology. For the improvement of communication skills the institution has also included quite a few general courses according to the instructions of HEC. The faculty members and students are compelled to arrange workshops and seminars as a part of their academic and practical work to prepare the students for the market. In order to ensure the quality of education, course and teaching evaluation, in line with the HEC guidelines, is conducted throughout the semester as a continuing activity. The assessment showed scores of 73 – 84 % in teachers evaluation and 72 – 83 % in courses

The performance of UIIT can be improved in general and especially for the BSIT Degree program by improving following points:

1. The structure of the degree should be bendable for the students or should be given an opportunity to the students for specialization in a specific area of their interest.
2. The areas offered to the student for specialization should be related to multimedia & design, network systems, software engineering, web technologies, communications, etc.

3. Teaching Assistance should be provided to the teachers as practiced by many other leading universities to reduce the load on the teacher
4. The curriculum needs to be updated to bring it in line with the changing market trends in IT and to eliminate any possible overlapping of contents among different courses
5. The work assigned to the faculty members other than course load should be distributed in a balanced way
6. The level of job contentment must be improved by providing more research opportunities and increasing salary package according to the market.
7. There is a need to expand the campus building as the number of students of all degrees is increasing beyond its capacity.
8. The faculty offices should be in the area where the students' in-out would be the least.

Program Team Members

Coordinator: Dr. Sohail Asghar

Convener: Ms. Hina Gul

Members: Ms. Ayesha Umair

Ms. Bushra Hamid

ANNEXURES

ANNEXURE I: ALUMNI SURVEY

The results of Alumni survey in table form is given below:

		Excellent	Very Good	Good	Fair	Poor
I	Knowledge					
1	Math, Science, Humanities and professional discipline, (if applicable)	36%	31%	5%	12%	16%
2	Problem formulation and solving skills	44%	37%	11%	4%	4%
3	Collecting and analyzing appropriate data	50%	34%	8%	4%	8%
4	Ability to link theory to practice	44%	31%	13%	6%	6%
5	Ability to design a system component or process	69%	13%	6%	6%	6%
6	IT knowledge	75%	6%	6%	6%	6%
II	Communication Skills					
1	Oral communication	41%	30%	21%	4%	4%
2	Report writing	62%	13%	13%	6%	6%
3	Presentation skills	50%	32%	6%	6%	6%
III	Interpersonal Skills					
1	Ability to work in teams.	45%	47%	8%	0%	0%
2	Ability to work in arduous/Challenging situation	63%	19%	6%	6%	6%
3	Independent thinking	61%	22%	5%	6%	6%
4	Appreciation of ethical Values	75%	7%	6%	6%	6%
IV	Management/Leadership Skills					
1	Resource and Time management skills	38%	44%	6%	6%	6%
2	Judgment	50%	12%	19%	6%	13%
3	Discipline	75%	7%	6%	6%	6%
V	General Comments					
VI	Career Opportunities					
VII	Department Status					
1	Infrastructure	69%	19%	0%	6%	6%
2	Faculty	56%	25%	13%	0%	6%
3	Repute at national level	67%	7%	20%	0%	7%
4	Repute at International level	31%	31%	19%	0%	19%

ANNEXURE II: GRADUATING STUDENTS SURVEY

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

		Very Satisfied	Satisfied	Uncertain	Dissatisfied	Very Dissatisfied
1	The work in the program is too heavy and induces a lot of pressure.	50%	29%	7%	4%	11%
2	The program is effective in enhancing team-work abilities.	36%	46%	4%	7%	7%
3	The program administration is effective in supportive learning	36%	39%	7%	14%	4%
4	The program is effective in developing analytical and problem solving skills.	39%	25%	29%	4%	4%
5	The program is effective in developing independent thinking.	43%	36%	4%	14%	4%
6	The program is effective in developing written communication skills.	18%	25%	36%	14%	7%
7	The program is effective in developing planning abilities.	29%	32%	21%	14%	4%
8	The objectives of the program have been fully achieved.	43%	25%	7%	18%	7%
9	Whether the contents of curriculum are advanced and meet program objectives.	29%	36%	18%	7%	11%
10	Faculty was able to meet the program objectives.	39%	29%	25%	4%	4%
11	Environment was conducive for learning	32%	21%	29%	7%	11%
12	Whether the infrastructure of the department was good	36%	25%	18%	14%	7%
13	Whether the program was comprised of Co-curricular and extra-curricular activities	25%	18%	32%	14%	11%
14	Whether scholarships/grants were available to students in case of hardship.	54%	18%	14%	7%	7%

ANNEXURE III: EMPLOYER SURVEY

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

		Excellent	Very Good	Good	Fair	Poor
I	Knowledge					
1	Math, Science, Humanities and professional discipline, (if applicable)	50%	40%	10%	0%	0%
2	Problem formulation and solving skills	60%	40%	0%	0%	0%
3	Collecting and analyzing appropriate data	70%	20%	10%	0%	0%
4	Ability to link theory to practice	50%	50%	0%	0%	0%
5	Ability to design a system component or process	40%	20%	20%	20%	0%
6	Computer knowledge	70%	0%	30%	0%	0%
II	Communication Skills					
1	Oral communication	40%	30%	10%	20%	0%
2	Report writing	50%	40%	0%	10%	0%
3	Presentation skills	60%	20%	20%	0%	0%
III	Interpersonal Skills					
1	Ability to work in teams.	80%	20%	0%	0%	0%
2	leadership	20%	60%	20%	0%	0%
3	Independent thinking	40%	50%	10%	0%	0%
4	Motivation	60%	30%	10%	0%	0%
5	Reliability	70%	10%	20%	0%	0%
6	Appreciation of ethical values	90%	10%	0%	0%	0%
IV	Work Skills					
1	Time management skills	70%	20%	10%	0%	0%
2	Judgment	60%	20%	10%	10%	0%
3	Discipline	90%	0%	10%	0%	0%

ANNEXURE IV: FACULTY RESUME

Performa 9

Faculty Resume



Name	Sheeraz Akram
Personal	Office # 05, UIIT, PMAS-Arid Agriculture University Rawalpindi Home #: Mobile: 0300-8532782 E-mail: sheeraz@uaar.edu.pk sheeraz.cs@gmail.com
Experience	September 2009 – to date Assistant Professor, Computer Science, PMAS Arid Agriculture University, Rawalpindi September 2006 – September 2009 Lecturer, Department of Computer Science, GIFT University Gujranwala
Honor and Awards	
Memberships	
Graduate Students Undergraduate Students Honor Students	I have supervised 2 Final year projects of MCS and one Final Year project of MIT students. 1 MS thesis under my supervision.
Service Activity	Coordinator QEC at UIIT Coordinator BS CS (Morning) Program at UIIT
Brief Statement of Research Interest	In MS CS, my main focus was on Image and Video compression and 3D video. Now I am working in area of Medical Image Processing, Theoretical CS. Computer Vision. In PhD I am working in Medical Image Processing

Performa 9



Faculty Resume

Name	Nasir Mehmood Minhas
Personal	Room # 22, UIIT, Arid Agriculture University, Rawalpindi, 0333-5651973
Experience	Jan 2008– Current UIIT, Arid Agriculture University Rawalpindi Assistant Professor, Coordinator BS (IT) Program Major course taught during my tenure at UIIT so far include: BS • Operating System Concepts • Software Engineering (I & II) • Database Systems • Distributed Database Systems • Data Structures & Algorithms • Web Design & Development • Introduction to Computing 2001– 2008 ICMS (ASC AIOU) Rawalpindi
Publications	8

Performa 9



Faculty Resume

Name	Iram Rubab
Personal	House No 1185, Street No 12, G-11/1 Islamabad. Ph.No : 0321-5307644 Email: iram@uaar.edu.pk
Experience	• Sep 2008 to Date as Lecturer in UIIT-AAUR
Memberships	• Coordinator for ACM Students Chapter at UIIT • Member ACM
Students	4
Service Activity	• Teaching and Research Activities at UIIT • Project Coordinator for BS(CS)/BS(IT)/MCS/MIT Final year projects • Organization of Seminars and workshops at UIIT • Organization of co curricular activities at UIIT
Brief Statement of Research Interest	My Research interests include • Model Driven Architecture • Model Based Testing • Formal Specification based Development and Testing
Publications	• 2



Faculty Resume

Name	Fakhra Mushtaq
Personal	House No. 1-A, Street No.22 , F-8/2, Islamabad ,Pakistan Home #: 051-2515161 Mobile: 0333-5346269 E-mail: fakhra@uaar.edu.pk fakhramalik2002@yahoo.com
Experience	Feb 2007 – to date Lecturer – PMAS Arid Agriculture University July 2005 – August 2005 Internee Accountant - Anwar Khawaja Industries (Pvt) Ltd Sialkot, (Pakistan)
Honor and Awards	Scholarship Awarded scholarship in BBA (Hons) – ITM Scholarship Awarded scholarship in MBA Merit Certificate Awarded for securing First position in Bachelor’s Degree. Merit Certificate Awarded for securing Second position in Master’s Degree.
Memberships	List memberships in professional and learned Societies, indication offices held, committees, or other specific assignments.



Faculty Resume

Name	Muhammad Nazir
Personal	Room # 23, UIIT, Arid Agriculture University, Rawalpindi, 0333-5263675
Experience	2008– Current UIIT, Arid Agriculture University Rawalpindi Major course taught during my tenure at UIIT so far include: MCS • Artificial Intelligence • Data structures and Algorithms • Distributed Databases • Discrete Structures
Graduate Students Undergraduate Students Honor Students	• 4 MS students currently under supervision for their MS Thesis
Publications	9



Faculty Resume

Name	Yasir Hafeez
Personal	University Institute of Information Technology, PMAS - Arid Agriculture University, Rawalpindi, Cell: 0333-5146356 Email: yasir@uaar.edu.pk
Experience	• Current Position Jan 2010 - Todate Assistant Professor (IT) - University Institute of Information Technology, PMAS-Arid Agriculture University Rawalpindi.
Honor and Awards	• Participated in the workshop on “Case Teaching Methodologies” held during March 2007 at Higher Education Commission (HEC), Islamabad, Organized by HEC. • CISCO Networking Academy Program (CCNA) successfully completed all modules. • Participated in International Conference on “The Future of Schools and Education” held during November 2005 at Islamabad, organized by Beacon House School System. • Attended first International Seminar on “Capability Maturity Model Integration” held during March 2008 at College of Electrical and Mechanical Engineering (NUST).



Proforma 9

Faculty Resume

Name	Rubina Ghazal
Personal	Phone: +92-51-9290154 Email: rubinaghazal@uaar.edu.pk
Experience	Sep. 2006 to date Assistant Professor University Institute of Information Technology, PMAS Arid Agriculture University, Rawalpindi. 13 Feb 2002 - 12 Feb 2005 Lecturer Department of Computer Science, University of Agriculture, Faisalabad. 1 Jan 2000 - 31 Jan 2002 Lecturer College of Professional Studies Faisalabad
Education	MS-CS (Software Engineering) MSc. Computer Science
Courses	Software Engineering-I, Software Engineering-II, Digital Logic and Design, Data Structure and Algorithms, C++, Java, Operating Systems
Research Interests	Model-Driven Software Development, Agent programming, Modeling of Gene Expression Patterns.
Memberships	• Member of Harassment Committee of Arid Agriculture University Rawalpindi. • Member of Committee for code of conduct at campus in Arid Agriculture University Rawalpindi
Service Activity	Teaching to BS-CS, BS-IT, MCS and MIT students and supervising in their final year projects. And all other activities assigned by the Institute or University.

Performa 9



Faculty Resume

Name	Muhammad Ramzan
Personal	Room # 111, UIIT, Arid Agriculture University, Rawalpindi, 0332-5142505
Experience	2009– Current UIIT, Arid Agriculture University Rawalpindi Assistant Professor, Coordinator Higher Studies Board Major course taught during my tenure at UIIT so far include: MS • Introduction to Formal Methods and Specifications • Requirement Engineering I have taught the following course at IST, Islamabad. • Software Engineering • Technical Writing
Honor and Awards	• Chaired the most successful open house (2010) of UIIT • Member of UIIT study board
Honor Students	19
Publications	19

Performa 9



Faculty Resume

Name	Aisha Umair		
Personal	Address House # 263-G, Block- E, Satellite Town Rawalpindi. Pakistan		
	Mobile No.	+92-322-5054264	
Experience	May 2009-to date		
	Lecturer		
	Pir Mehr Ali Shah Arid Agriculture University, UIIT Rawalpindi.		
Graduate Students Undergraduate Students Honor Students	Years	Degree	Name
	2010	BS (CS)	Rabia Awan, Ruqayya Awan, Mohammad Afzaal Khan
	2010	BS (CS)	Muhammad Azeem, Muhammad Waqas, Kaleem Ullah
	2010	MCS	Adnan Mehmod, Nosheen Manzoor
	2010	MCS	Tahir Ali, Afshan Gulzar, Misbah Hafeez, Muhammad Raheel
	2010	MCS	Safeer Israr, Sehrish Rasool, Sohail Bashir Chughtai, Muhammad Sajjad

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 nd 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)	Tassawar Hussain, M. Bashir Feroz, M. Asif
	2010	PGD(IT)	Adnan Mumtaz , Nasir Shehzad, Nazia Khaliq
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

Performa 9



Faculty Resume

Name	Saqib Majeed
Personal	UIIT, University institute of Information Technology, Muree Road Rawalpindi Email: saqib@uaar.edu.pk
Experience	Lecturer 2006 to Date PMAS, Arid Agriculture University Rawalpindi Research Associate 3 Year experience PMAS, Arid Agriculture University Rawalpindi
Memberships	
Graduate Students Undergraduate Students ,Honor Students	Under Graduate Students I have supervised multiple undergraduate projects in my career.
Service Activity	Teaching and Research Activities at UIIT

ANNEXURE V: FACULTY COURSE REVIEW REPORT

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-525	Title:	Multimedia Technologies		
Session:	2009	Semester:	Fall		
Credit Value:	3(2-3)	Level:	BS IT-3	Prerequisites:	
Name Of Course Instructor:	Sheeraz Akram	No. of Students Contact Hours	Lectures (2 hours) Labs (3 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)		Quizzes, Assignment, Mid Term, Final term, labs, practical's			

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	44	25%	18.18%	34.09%	13.64%		9.09%			
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 ComBSITtee (SSCC) or equivalent, (if any)
4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines
5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)
6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports
7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: <u>Sheeraz Akram</u> Date _____ (Course Instructor)
Name: <u>Dr. Sohail Asghar</u> Date _____ (Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-685	Title:	Human Computer Interaction		
Session:	2010	Semester:	Spring		
Credit Value:	3(2-3)	Level:	BS IT-6	Prerequisites:	
Name Of Course Instructor:	Muhammad Ramzan	No. of Students Contact Hours	Lectures (2 hours) Labs (3 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term, lab, Practical				

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	31	10%	52%	32%	3%		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 ComBSITtee (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: Muhammad Ramzan Date _____
(Course Instructor)

Name: Dr. Sohail Asghar Date _____
(Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-465	Title:	Web Engineering		
Session:	2009	Semester:	Fall		
Credit Value:	3(2-3)	Level:	BS IT-3	Prerequisites:	
Name Of Course Instructor:	Bushra Hamid	No. of Students Contact Hours	Lectures (2 hours) Labs (3 lab hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term, labs, practicals				

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	45	2	12	19	9		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 ComBSITtee (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: Bushra Hamid Date _____
(Course Instructor)
Name: Dr. Sohail Asghar Date _____
(Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-400	Title:	Database Management		
Session:	2010	Semester:	Spring		
Credit Value:	3(2-3)	Level:	BS IT-2	Prerequisites:	
Name Of Course Instructor:	Yasir Hafeez	No. of Students Contact Hours	Lectures (2 hours) Labs (3 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term, labs, practicals				

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	17.01%	36.58%	31.70%	9.75%		2.43%			
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 ComBSITtee (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: Yasir Hafeez Date _____
(Course Instructor)
Name: Dr. Sohail Asghar Date _____
(Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-423	Title:	Object Oriented Programming		
Session:	2010	Semester:	Spring		
Credit Value:	4(3-3)	Level:	BS IT-2	Prerequisites:	
Name Of Course Instructor:	Aisha Umair	No. of Students Contact Hours	Lectures (3 hours) Labs (3 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term, labs practical				

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	4	5	21	3		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 ComBSITtee (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: Aisha Umair Date _____

(Course Instructor)

Name: Dr. Sohail Asghar Date _____

(Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-443	Title:	Data Structures and Algorithms		
Session:	2010	Semester:	Spring		
Credit Value:	4(3-3)	Level:	BS IT-4	Prerequisites:	
Name Of Course Instructor:	Iram Rubab	No. of Students Contact Hours	Lectures (3 hours) Labs (3 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term, labs, practical's				

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	37	7	7	10	3		10			
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 ComBSITtee (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: Iram Rubab Date _____

(Course Instructor)

Name: Dr. Sohail Asghar Date _____

(Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	MGT-421	Title:	Fundamental of Management		
Session:	2010	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS IT-2	Prerequisites:	
Name Of Course Instructor:	Fakhra Mushtaq	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, case studies				

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	86	2	18	41	14		6			
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 ComBSITtee (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: Fakhra Mushtaq Date _____

(Course Instructor)

Name: Dr. Sohail Asghar Date _____

(Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-452	Title:	Software Engineering-I		
Session:	2009	Semester:	Fall		
Credit Value:	3(2-3)	Level:	BS IT-3	Prerequisites:	
Name Of Course Instructor:	Nasir Minhas	No. of Students Contact Hours	Lectures (2 hours) Labs (3 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term, labs, practicals				

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	68	2	16	22	17		11			
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 ComBSITtee (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: Nasir Minhas Date _____
(Course Instructor)

Name: Dr. Sohail Asghar Date _____
(Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-577	Title:	Computer Communication and Networks		
Session:	2010	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS IT-4	Prerequisites:	
Name Of Course Instructor:	Mushhad Gillani	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	43	2	6	18	8		9			
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 ComBSITtee (SSCC) or equivalent, (if any)
4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines
5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)
6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports
7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: <u>Mushhad Gillani</u> Date _____ (Course Instructor)
Name: <u>Dr. Sohail Asghar</u> Date _____ (Director)

Performa 2

Faculty Course Review Report

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



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

Department:	Information Technology		Faculty:	University Institute of Information Technology	
Course Code	CS-652	Title:	Software Project Management		
Session:	2010	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS IT-6	Prerequisites:	
Name Of Course Instructor:	Shehzad Saqib	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	0	10.34%	24.13%	55.17%		13.79%			
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 ComBSITtee (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: Mushhad Gillani Date _____
(Course Instructor)

Name: Dr. Sohail Asghar Date _____
(Director)