



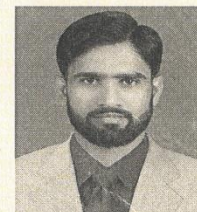
COMSATS Institute of Information Technology

TRANSCRIPT

0031641

Date: 12-Nov-2015

Certified that **IMRAN SARVAR KHAN** s/o **MUHAMMAD SARVAR KHAN** Registration No. **CIIT/FA13-MCS-049/CVC** Department of **Computer Science** has completed and passed all the requisite courses / examinations for the degree of **Master of Computer Science** on **23rd July 2015** from **Virtual Campus**.



The details of the courses passed are as follows:

Course Code	Semester / Course Title	Cr.	LG	GP	Course Code	Semester / Course Title	Cr.	LG	GP
Fall 2013					Fall 2014				
CSC101	Introduction to Computing	3	A-	11.1	CSC322	Operating Systems Concepts	3	A	12
CSC102	Discrete Structures	3	A-	11.1	CSC339	Computer Communication and Networks	4	A-	14.8
CSC141	Introduction to Computer Programming	4	A-	14.8	CSC373	Management Information Systems	3	A	12
CSC271	Database Systems	4	A	16	CSC392	Software Engineering II	3	B-	8.1
HUM102	Report Writing Skills	3	A-	11.1	CSC447	Enterprise Systems Development	3	A-	11.1
Spring 2014					EEE440	Computer Architecture	3	A	12
CSC211	Data Structures	4	C	8	Spring 2015				
CSC221	Computer Organization and Assembly Language	4	B-	10.8	CSC253	Computer Graphics	3	A	12
CSC241	Object Oriented Programming	4	A	16	CSC344	Wireless and Mobile Computing	3	A-	11.1
CSC291	Software Engineering I	3	B-	8.1	CSC441	Compiler Construction	4	B+	13.2
CSC312	Automata Theory	3	C+	6.9	CSC462	Artificial Intelligence	3	A-	11.1
					CSC499	Project	6	A	24

Total Credit Hours Registered: **73**
 * Discounted Credit Hours: **0**
 Net Credit Hours Passed: **73**
 Total GP: **255.3**
 CGPA: **3.5**
 Aggregate Weighted %: **84.89**


Controller of Examinations

Errors / Omissions Excepted

(Please Turn Over)

EXPLANATORY NOTES

1. The following explanations are to assist the reader with the interpretation of the transcript.
2. The Academic year normally comprises two regular semesters i.e. (16 weeks each) and summer session (8 weeks).
3. English is the medium of instruction.

4. **Legend**

Cr.	Credit of Courses
GP	Grade Point
L.G.	Letter Grade
CGPA	Cumulative Grade Point Average
NC	Non Credit
WD	Withdrawal
*IP	In Progress

*Awarded in the first semester (generally of split semester course) and/or subsequent semesters if the performance of the student was satisfactory. Has no grading and/or credit value for result calculation purpose.

5. **Credit Value Definition**

A course of one credit represents one hour of lecture / three hours laboratory work per week, per semester.

6. **Discounted Credit Hours**

In case of course is repeated due to failure or improvement, its credit hours are counted only once, hence the term "discounted credit hours".

7. **Marks**

- c. Each course carries 100 marks of which 50% are reserved for sessionals, quizzes, assignments, practicals & 50% marks for the terminal examinations.
- d. Minimum pass marks in each course are 50%.

8. **Aggregate Weighted %**

Aggregate Weighted % marks are calculated on the basis of Aggregate Total Marks obtained, and are calculated as follows:

$$\text{Aggregate Weighted \%} = \frac{\text{Net Aggregate Total Marks}}{(\text{Total Credit Hours Registered} - \text{Discounted Credit Hours})}$$

9. **Grading System**

(Marks %)	(Letter Grade)	(Grade Points)
90 & Above	A (Superior / Excellent)	4.0
85 – 89	A-	3.7
80 – 84	B+	3.3
75 – 79	B (Above Average / Good)	3.0
70 – 74	B-	2.7
65 – 69	C+	2.3
60 – 64	C (Competent Average)	2.0
55 – 59	C-	1.7
50 – 54	D (Minimum Passing)	1.3
Less than 50	F (Fail)	0.0

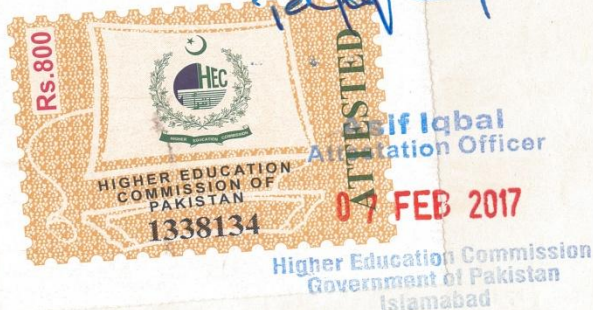
Note: This Transcript is issued without alteration or erasure.

Prepared By: _____

Checked By: _____

Contact Address:

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Serial No: 034738



Registration No: CIIT/FA13-MCS-049/CVC

By the Authority of the Board of Governors

COMSATS Institute of Information Technology

IMRAN SARVAR KHAN s/o MUHAMMAD SARVAR KHAN

Of

Virtual Campus

has been conferred upon the degree of

Master of Computer Science

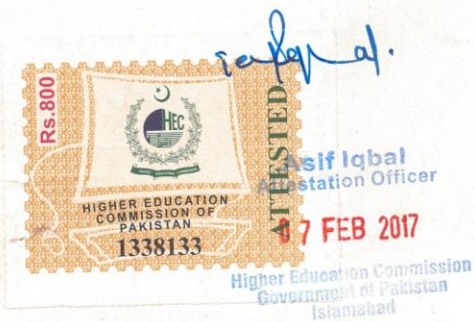
Given on this Fifteenth day of September two thousand and Fifteen at Islamabad

Date of Issuance: 15th September 2015


Controller of Examinations


Rector


Registrar



Prepared By:h

Checked By:u

Note: This degree is issued without alteration or erasure.