# Virtual University of Pakistan

Serial No: A053563    REVISED

## TRANSCRIPT OF RECORD
## Bachelor of Science in Computer Science (4 year program)

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| **Student ID:** | BC020400239 | |
| **Name:** | Syed Zeeshan Ali | |
| **Father's Name:** | Syed Muhammad Shakeel | |
| **D.O.B:** | December 13, 1983 | |
| **CNIC Number:** | 41303-1600765-5 | |

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| **Registration No:** | 002-VU-000784 |
| **Registration Date:** | September 23, 2002 |
| **Result Notification No:** | VU-CE/BS/07/0001 |
| **Result Notification Date:** | March 17, 2007 |
| **Mode of Study:** | Regular |

| Semester | Code | Course Title | Cr. Hrs. | Grade | G.P. | Equiv. Marks | Remarks |
|---|---|---|---|---|---|---|---|
| Fall 2002 | CS101 | Introduction to Computing | 3 | B | 3.20 | 68.38 | |
| | ENG101 | English Comprehension | 3 | B | 3.00 | 64.89 | |
| | MGT101 | Financial Accounting | 3 | C | 2.93 | 64.20 | |
| Spring 2003 | CS201 | Introduction to Programming | 3 | C | 2.80 | 62.00 | |
| | ENG201 | Business and Technical English Writing | 3 | C | 2.53 | 58.00 | |
| | ISL201 | Islamic Studies | 1 | B | 3.13 | 67.00 | |
| | MTH202 | Discrete Mathematics | 3 | C | 2.27 | 54.00 | |
| | MTH301 | Calculus II | 3 | B | 3.27 | 69.00 | |
| Summer 2003 | MTH101 | Calculus And Analytical Geometry | 3 | C | 2.13 | 52.00 | I |
| Fall 2003 | CS302 | Digital Logic Design | 3 | C | 2.00 | 50.00 | |
| | PAK301 | Pakistan Studies | 2 | C | 2.27 | 54.00 | |
| Spring 2004 | CS401 | Computer Architecture and Assembly Language Programming | 3 | D | 1.90 | 49.00 | |
| | CS402 | Theory of Automata | 3 | C | 2.67 | 60.00 | |
| | ECO401 | Economics | 3 | C | 2.47 | 57.00 | |
| | MGT501 | Human Resource Management | 3 | B | 3.27 | 69.00 | |
| | PHY301 | Circuit Theory | 3 | C | 2.20 | 53.00 | R |
| Fall 2004 | CS504 | Software Engineering - I | 3 | C | 2.27 | 54.00 | |
| | MTH401 | Differential Equations | 3 | C | 2.07 | 51.00 | R |
| Spring 2005 | CS403 | Database Management Systems | 3 | B | 3.40 | 71.00 | |
| | CS501 | Advance Computer Architecture | 3 | C | 2.73 | 61.00 | |
| | CS602 | Computer Graphics | 3 | C | 2.93 | 64.00 | |
| | MGT201 | Financial Management | 3 | B | 3.13 | 67.00 | |
| | MTH501 | Linear Algebra | 3 | C | 2.47 | 57.00 | R |
| | MTH601 | Operations Research | 3 | D | 1.90 | 49.00 | |
| Summer 2005 | MGT301 | Principles of Marketing | 3 | B | 3.40 | 71.00 | I |
| | STA301 | Statistics and Probability | 3 | D | 1.50 | 45.00 | I |
| Fall 2005 | CS304 | Object Oriented Programming | 3 | B | 3.40 | 71.00 | |
| | CS410 | Visual Programming | 3 | B | 3.53 | 73.00 | |
| | CS601 | Data Communication | 3 | A | 4.00 | 86.00 | |
| | CS604 | Operating Systems | 3 | B | 3.20 | 68.00 | |
| | CS605 | Software EngineeringII | 3 | A | 4.00 | 82.00 | |
| | CS606 | Compiler Construction | 3 | D | 1.80 | 48.00 | |
| | CS614 | Data Warehousing | 3 | B | 3.93 | 79.00 | |
| Spring 2006 | CS408 | Human Computer Interaction | 3 | B | 3.93 | 79.00 | |
| | CS502 | Fundamentals of Algorithms | 3 | A | 4.00 | 80.00 | I |
| | CS506 | Web Design and Development | 3 | A | 4.00 | 81.00 | |
| | CS508 | Modern Programming Languages | 3 | B | 3.93 | 79.00 | |
| | CS607 | Artificial Intelligence | 3 | B | 3.73 | 76.00 | |
| | CS609 | System Programming | 3 | B | 3.80 | 77.00 | |
| | CS610 | Computer Network | 3 | B | 3.93 | 79.00 | |
| | MCM301 | Communication skills | 3 | B | 3.20 | 68.00 | |
| | CS619 | Final Project - CS619 | 6 | C | 2.67 | 60.00 | |
| Special 2006 | CS301 | Data Structures | 3 | C | 2.87 | 63.00 | R,I |
| | MTH603 | Numerical Analysis | 3 | C | 2.20 | 53.00 | |

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| **CGPA:** | | 2.95 |
| **Overall Equiv. Marks:** | (2843.47 / 4400) | 64.62% |
| **Credits Earned:** | | 132 |
| **Credits Transferred:** | | 0 |
| **Credits Exempted:** | | 0 |
| **Credits Required:** | | 132 |
| **All requirements completed** | | |

Controller of Examinations