



Infinite Possibilities

# Institute of Southern Punjab Multan - Pakistan

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 FATHER'S NAME: Mirza Mubashir Nawaz Baig  
 REGISTRATION NO: BSCS-023R20P-7  
 DATE OF BIRTH: 24-02-2002  
 ISSUE DATE: 29-01-2025  
 DATE OF REGISTRATION: October 1, 2020  
 DATE OF COMPLETION: September 30, 2024  
 NIC NO: 36302-2401326-3

## OFFICIAL TRANSCRIPT

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS)

| Course Code            | Course Title                                       | Cr. Hours | Grade |
|------------------------|--|-----------|-------|
| <b>SEMESTER FIRST</b>  |  |           |       |
| MATH-206               | Mathematics-I*                                     | (3)       | A-    |
| ENG-205                | Functional English                                 | 3         | A-    |
| MATH-203               | Calculus & Analytical Geometry                     | 3         | A-    |
| IT-201                 | Introduction to ICT (Theory)                       | 2         | A     |
|                        | (LAB)  | 1         | A     |
| CS-204                 | Digital Logic & Design (Theory)                    | 3         | B+    |
|                        | (LAB)  | 1         | A     |
| CS-202                 | Programming Fundamentals (Theory)                  | 3         | C+    |
|                        | (LAB)  | 1         | A-    |
| Semester GPA           |  |           | 3.54  |
| <b>SEMESTER SECOND</b> |  |           |       |
| MATH-249               | Mathematics-II*                                    | (3)       | A     |
| GEN-201                | Islamic Studies                                    | 2         | B+    |
| MATH-202               | Discrete Structure                                 | 3         | B+    |
| CS-277                 | Probability & Statistics                           | 3         | A     |
| ENG-208                | Communication & Presentation Skills                | 3         | B+    |
| CS-203                 | Object Oriented Programming (Theory)               | 3         | B     |
|                        | (LAB)  | 1         | B+    |
| Semester GPA           |  |           | 3.50  |
| <b>SEMESTER THIRD</b>  |  |           |       |
| ECO-204                | Economics  | 3         | C     |
| MATH-211               | Differential Equation                              | 3         | A-    |
| ENG-207                | Technical & Report Writing                         | 3         | B     |
| CS-225                 | Data Structure & Algorithms (Theory)               | 3         | D+    |
|                        | (LAB)  | 1         | B+    |
| CS-209                 | Computer Organization & Assembly Language (Theory) | 3         | A     |
|                        | (LAB)  | 1         | B+    |
| Semester GPA           |  |           | 2.93  |
| <b>SEMESTER FOURTH</b> |  |           |       |
| MATH-204               | Linear Algebra                                     | 3         | A-    |
| STAT-203               | Theory of Automata <sup>1</sup>                    | 3         | B     |
| CS-226                 | Design & Analysis of Algorithms                    | 3         | C     |
| CS-208                 | Database Systems (Theory)                          | 3         | C+    |
|                        | (LAB)  | 1         | B     |
| CS-206                 | Operating Systems (Theory)                         | 3         | B     |
|                        | (LAB)  | 1         | B+    |
| Semester GPA           |  |           | 2.90  |

| Course Code             | Course Title                         | Cr. Hours | Grade |
|-------------------------|--------------------------------------|-----------|-------|
| <b>SEMESTER FIFTH</b>   |                                      |           |       |
| IT-204                  | Information Security                 | 3         | B+    |
| CS-207                  | Software Engineering                 | 3         | B     |
| MKT-201                 | Principles of Marketing              | 3         | A     |
| CS-271                  | Theory of Programming Languages      | 3         | B+    |
| CS-237                  | Computer Networking (Theory)         | 3         | C     |
|                         | (LAB)                                | 1         | C+    |
| CST-V                   | Career Support Training*             | (3)       | B+    |
| Semester GPA            |                                      |           | 3.16  |
| <b>SEMESTER SIXTH</b>   |                                      |           |       |
| MATH-205                | Numerical Computing                  | 3         | A-    |
| CS-213                  | Compiler Construction                | 3         | D+    |
| CS-228                  | Internet & Web Engineering           | 3         | B     |
| CS-212                  | Advanced Object Oriented Programming | 3         | B     |
| CS-216                  | Artificial Intelligence (Theory)     | 3         | C+    |
|                         | (LAB)                                | 1         | C+    |
| Semester GPA            |                                      |           | 2.73  |
| <b>SEMESTER SEVENTH</b> |                                      |           |       |
| ACC-202                 | Financial Accounting                 | 3         | A-    |
| CS-215                  | Visual Programming                   | 3         | C+    |
| CS-295                  | Introduction to Data Sciences        | 3         | B     |
| CS-211                  | Human Computer Interaction           | 3         | C     |
| CS-229                  | Software Project Management          | 3         | B+    |
| CST-VII                 | Career Support Training*             | (3)       | A-    |
| Semester GPA            |                                      |           | 2.95  |
| <b>SEMESTER EIGHTH</b>  |                                      |           |       |
| GEN-202                 | Pakistan Studies                     | 2         | C     |
| CS-279                  | Digital Image Processing             | 3         | B+    |
| MGT-202                 | Human Resources Management           | 3         | B     |
| CS-275                  | Data Mining & Data Warehousing       | 3         | B     |
| CS-281                  | Software Project                     | 6         | C     |
| GEN-216                 | Translation of Holy Quran*           | (2)       | A-    |
| Semester GPA            |                                      |           | 2.62  |

### Overall Result Summary

No. of Courses Passed =45  
 No. of Courses Transferred =0  
 No. of Courses Studied =45  
 No. of Courses Required for Degree =40

\* Non Credit Courses.

<sup>1</sup> The course was passed in 2nd attempt and the grade renewed.

Note: - This Official Transcript is issued without alterations, overwriting or erasure.

- Errors &amp; Omissions are subject to revision.

- Grade Point Matrix and other details are on reverse side.

CUMULATIVE GRADE POINT AVERAGE (CGPA)= **3.03**  
 PROGRAM STATUS = COMPLETED

*[Signature]*  
 Controller of Examinations