

# CS-1A

| Day/Period | I   | II  | III   | 1:15-1:45             | IV   | V  |
|------------|---|---|---|-----------------------|--|--|
| Monday     | Programming Fundamentals<br>Rizwan ul Haq<br>1        | Introduction to Information and Communication Technology - Lab<br>Muiz Qadir<br>1 |   | L<br>U<br>N<br>C<br>H | English Composition and Comprehension - Lab<br>Muhammad Iqbal<br>1 |  |
| Tuesday    | Islamic Studies/Ethics<br>Rizwanullah<br>1            |   | English Composition and Comprehension - Lab<br>Sadia Ashfaq<br>1  |                       | English Composition and Comprehension<br>Muhammad Ammar<br>1       |  |
| Wednesday  | Digital Logic Design - Lab<br>Muhammad Arslan<br>1    |   |   |                       | Digital Logic Design<br>Mirza Waqar Baig<br>1                      | Programming Fundamentals<br>Rizwan ul Haq<br>1 |
| Thursday   | Programming Fundamentals - Lab<br>Mughees Ismail<br>1 |   | English Composition and Comprehension<br>Muhammad Ammar<br>1<br>English Composition and Comprehension<br>Junaid Shahid<br>1 |                       |  | Linear Algebra<br>Amjad Hussain<br>1           |
| Friday     | Digital Logic Design<br>Mirza Waqar Baig<br>1         | Linear Algebra<br>Amjad Hussain<br>1  |   |                       | English Composition and Comprehension<br>Junaid Shahid<br>1        | Islamic Studies/Ethics<br>Rizwanullah<br>1     |

# CS-1B

| Day/Period | I  | II  | III  | 1:15-1:45             | IV   | V   |
|------------|--|---|--|-----------------------|--|---|
| Monday     | Islamic Studies/Ethics<br>Rizwanullah<br>1                         | English Composition and Comprehension - Lab<br>Farah Iqbal<br>1 |  | L<br>U<br>N<br>C<br>H | Digital Logic Design - Lab<br>Mujahid Hussain<br>1                                 |   |
| Tuesday    | Programming Fundamentals<br>Rizwan ul Haq<br>1                     |   | Introduction to Information and Communication Technology - Lab<br>Umar Naseer<br>1 |                       | Introduction to Information and Communication Technology - Lab<br>Umar Naseer<br>1 | English Composition and Comprehension<br>Junaid Shahid<br>1 |
| Wednesday  | Linear Algebra<br>Amjad Hussain<br>1                               | Programming Fundamentals - Lab<br>Pariwish Touseef<br>1         |  |                       | Digital Logic Design<br>Muhammad Sajid Iqbal<br>1                                  |   |
| Thursday   | English Composition and Comprehension - Lab<br>Muhammad Iqbal<br>1 |   | English Composition and Comprehension<br>Muhammad Ammar<br>1                       |                       | Programming Fundamentals<br>Rizwan ul Haq<br>1                                     | Linear Algebra<br>Amjad Hussain<br>1                        |
| Friday     | Islamic Studies/Ethics<br>Rizwanullah<br>1                         | English Composition and Comprehension<br>Junaid Shahid<br>1     | Digital Logic Design<br>Muhammad Sajid Iqbal<br>1                                  |                       | English Composition and Comprehension<br>Muhammad Ammar<br>1                       |   |

# CS-1C

| Day/Period | I   | II   | III   | 1:15-1:45             | IV   | V   |
|------------|---|--|---|-----------------------|--|---|
| Monday     | English Composition and Comprehension - Lab<br>Rida Akram                     |  | English Composition and Comprehension - Lab<br>Junaid Shahid<br>Linear Algebra<br>Amjad Hussain | L<br>U<br>N<br>C<br>H | English Composition and Comprehension - Lab<br>Junaid Shahid | English Composition and Comprehension<br>Muhammad Ammar |
| Tuesday    | Digital Logic Design - Lab<br>Mujahid Hussain                                 |  | Digital Logic Design<br>Dr. Adil Zulfiqar   |                       | Digital Logic Design<br>Dr. Adil Zulfiqar                    | Programming Fundamentals<br>Dr. Rabia Maqsood           |
| Wednesday  | Introduction to Information and Communication Technology - Lab<br>Aqsa Younas |  |   |                       |  | Islamic Studies/Ethics<br>Zia Ahmad                     |
| Thursday   |   | English Composition and Comprehension<br>Junaid Shahid | Linear Algebra<br>Amjad Hussain   |                       | Programming Fundamentals - Lab<br>Ayesha Liaqat              |   |
| Friday     | English Composition and Comprehension<br>Muhammad Ammar                       | Programming Fundamentals<br>Dr. Rabia Maqsood          |   |                       | Islamic Studies/Ethics<br>Zia Ahmad                          | English Composition and Comprehension<br>Junaid Shahid  |

# CS-1D

| Day/Period | I  | II  | III   | 1:15-1:45             | IV  | V  |
|------------|--|---|---|-----------------------|---|--|
| Monday     |  | Calculus and Analytical Geometry<br>Dr.Mushtaq Ahmad 1  | English Composition and Comprehension - Lab<br>Rida Akram 1 | L<br>U<br>N<br>C<br>H | English Composition and Comprehension - Lab<br>Rida Akram 1 | Programming Fundamentals<br>Dr. Rabi a Maqsood 1       |
| Tuesday    | Introduction to Information and Communication Technology - Lab<br>Aqsa Younas 1  |   |   |                       | Programming Fundamentals<br>Dr. Rabi a Maqsood 1            | Calculus and Analytical Geometry<br>Dr.Mushtaq Ahmad 1 |
| Wednesday  | English Composition and Comprehension - Lab<br>Amna Farooq 1<br>English Composition and Comprehension<br>Farah Iqbal 1 | English Composition and Comprehension - Lab<br>Amna Farooq 1  | English Composition and Comprehension<br>Sadia Ashfaq 1     |                       |   | Applied Physics<br>Waheed Ahmad 1                      |
| Thursday   |  |   | Applied Physics<br>Waheed Ahmad 1                           |                       | Programming Fundamentals - Lab<br>Muhammad Azeem Iftikhar 1 |  |
| Friday     |  | English Composition and Comprehension<br>Farah Iqbal 1<br>English Composition and Comprehension<br>Sadia Ashfaq 1 | Islamic Studies/Ethics<br>Zia Ahmad 1                       |                       |   | Islamic Studies/Ethics<br>Zia Ahmad 1                  |

# CS-1E

| Day/Period | I   | II   | III   | 1:15-1:45                        | IV  | V  |
|------------|---|--|---|----------------------------------|---|--|
| Monday     |   | Introduction to Information and Communication Technology - Lab<br>Muiz Qadir |   | <b>L<br/>U<br/>N<br/>C<br/>H</b> | English Composition and Comprehension - Lab<br>Amna Farooq<br>English Composition and Comprehension<br>Muhammad Iqbal | English Composition and Comprehension - Lab<br>Amna Farooq |
| Tuesday    | Calculus and Analytical Geometry<br>Dr. Mushtaq Ahmad | Programming Fundamentals<br>Dr. Danish Shehzad                               | English Composition and Comprehension<br>Muhammad Iqbal |                                  | Programming Fundamentals - Lab<br>Mughees Ismail  |  |
| Wednesday  |   | Programming Fundamentals<br>Dr. Danish Shehzad                               |   |                                  | Pakistan Studies<br>Asif Naveed   | Calculus and Analytical Geometry<br>Dr. Mushtaq Ahmad      |
| Thursday   | Pakistan Studies<br>Asif Naveed                       | English Composition and Comprehension - Lab<br>Mah Rukh                      |   |                                  | Applied Physics<br>Waheed Ahmad   |  |
| Friday     | English Composition and Comprehension<br>Farah Iqbal  | Applied Physics<br>Waheed Ahmad  | English Composition and Comprehension<br>Farah Iqbal    |                                  |   |  |

# CS-1F

| Day/Period | I   | II   | III  | 1:15-1:45                        | IV  | V  |
|------------|---|--|--|----------------------------------|---|--|
| Monday     |   | <b>Programming Fundamentals</b><br>Saqib Hayat               | <b>English Composition and Comprehension</b><br>Sadia Ashfaq   | <b>L<br/>U<br/>N<br/>C<br/>H</b> | <b>English Composition and Comprehension - Lab</b><br>Ehtasham-Ul-Haq |  |
| Tuesday    | <b>Applied Physics</b><br>Waheed Ahmad  | <b>Pakistan Studies</b><br>Asif Naveed                       | <b>Calculus and Analytical Geometry</b><br>Dr. Mushtaq Ahmad   |                                  | <b>English Composition and Comprehension - Lab</b><br>Mah Rukh        |  |
| Wednesday  | <b>Introduction to Information and Communication Technology - Lab</b><br>Muhammad Haseeb Arshad |  | <b>English Composition and Comprehension</b><br>Muhammad Iqbal |                                  |   |  |
| Thursday   | <b>English Composition and Comprehension</b><br>Muhammad Iqbal                                  | <b>English Composition and Comprehension</b><br>Sadia Ashfaq | <b>Programming Fundamentals - Lab</b><br>Umar Naseer           |                                  | <b>Programming Fundamentals - Lab</b><br>Umar Naseer                  | <b>Calculus and Analytical Geometry</b><br>Dr. Mushtaq Ahmad |
| Friday     | <b>Programming Fundamentals</b><br>Saqib Hayat  | <b>Pakistan Studies</b><br>Asif Naveed                       |  |                                  | <b>Applied Physics</b><br>Waheed Ahmad                                |  |

# CS-3A

| Day/Period | I  | II  | III  | 1:15-1:45             | IV   | V   |
|------------|--|---|--|-----------------------|--|---|
| Monday     | Data Structures<br>Muhammad Husnain<br>Digital Logic Design<br>Muhammad Irfan Ishaq          | Computer Organization and Assembly Language - Lab<br>Abuzar Ghafari | Computer Organization and Assembly Language - Lab<br>Abuzar Ghafari<br>Discrete Structures<br>Dr. Muhammad Ahmad | L<br>U<br>N<br>C<br>H | Object Oriented Programming - Lab<br>Muhammad Hannan Farooq  |   |
| Tuesday    | Calculus and Analytical Geometry<br>Bushra Niaz<br>Discrete Structures<br>Dr. Muhammad Ahmad | Differential Equations<br>Arfan Shahzad                             | Data Structures - Lab<br>Saba Aslam  |                       | Data Structures - Lab<br>Saba Aslam  | Object Oriented Programming<br>Shoaib Saleem    |
| Wednesday  | Differential Equations<br>Arfan Shahzad<br>Object Oriented Programming<br>Shoaib Saleem      | Finance & Accounting<br>Agha Mureed Ahmad Khan                      | Computer Organization and Assembly Language<br>Abdul Qadeer Bilal  |                       |  | Applied Physics<br>Muhammad Mohsin Hameed       |
| Thursday   | Data Structures<br>Muhammad Husnain  | Digital Logic Design<br>Muhammad Irfan Ishaq                        |  |                       | Computer Organization and Assembly Language<br>Abdul Qadeer Bilal<br>Linear Algebra<br>Ghilmana Sarmad |   |
| Friday     |  | Linear Algebra<br>Ghilmana Sarmad                                   | Applied Physics<br>Muhammad Mohsin Hameed<br>Finance & Accounting<br>Agha Mureed Ahmad Khan                      |                       |  | Calculus and Analytical Geometry<br>Bushra Niaz |

# CS-3B

| Day/Period | I   | II   | III   | 1:15-1:45             | IV  | V  |
|------------|---|--|---|-----------------------|---|--|
| Monday     | Object Oriented Programming - Lab<br>Muhammad Hannan Farooq |  | Computer Organization and Assembly Language<br>Abdul Qadeer Bilal | L<br>U<br>N<br>C<br>H | Computer Orgnaization and Assembly Language - Lab<br>Ali Raza |  |
| Tuesday    | Object Oriented Programming<br>Dr Usman Habib               |  |   |                       | Data Structures - Lab<br>Muhammad Hannan Farooq               |  |
| Wednesday  | Differential Equations<br>Arfan Shahzad                     |  |   |                       |   | Differential Equations<br>Arfan Shahzad<br>Object Oriented Programming<br>Dr Usman Habib |
| Thursday   | Discrete Structures<br>Dr. Muhammad Ahmad                   | Fundamentals of Management<br>Muhammad Tayyeb Riaz |   |                       |   | Computer Organization and Assembly Language<br>Abdul Qadeer Bilal                        |
| Friday     | Discrete Structures<br>Dr. Muhammad Ahmad                   | Fundamentals of Management<br>Muhammad Tayyeb Riaz |   |                       |   |  |



# CS-3C

| Day/Period | I  | II   | III  | 1:15-1:45             | IV   | V  |
|------------|--|--|--|-----------------------|--|--|
| Monday     | Marketing Management<br>Syed Zeeshan Haider<br>1 |  |  | L<br>U<br>N<br>C<br>H |  | Data Structures<br>Dr. Hashim Yasin<br>1 |
| Tuesday    |  |  |  |                       | Computer Orgnaization and Assembly Language - Lab<br>Ali Raza<br>1 |  |
| Wednesday  |  |  |  |                       |  | Data Structures<br>Dr. Hashim Yasin<br>1 |
| Thursday   | Data Structures - Lab<br>Mughees Ismail<br>1     |  | Marketing Management<br>Syed Zeeshan Haider<br>1 |                       | Differential Equations<br>Arfan Shahzad<br>1                       |  |
| Friday     |  | Differential Equations<br>Arfan Shahzad<br>1 |  |                       |  |  |

# CS-3D

| Day/Period | I  | II  | III  | 1:15-1:45             | IV  | V  |
|------------|--|---|--|-----------------------|---|--|
| Monday     |  |   |  | L<br>U<br>N<br>C<br>H | Data Structures<br>Muhammad Usman Joyia <sup>1</sup>        |  |
| Tuesday    |  | Differential Equations<br>Muhammad Waqas Javed <sup>1</sup> |  |                       |   |  |
| Wednesday  |  | Marketing Management<br>Syed Zeeshan Haider <sup>1</sup>    | Data Structures - Lab<br>Saba Aslam <sup>1</sup> |                       | Data Structures - Lab<br>Saba Aslam <sup>1</sup>            | Data Structures<br>Muhammad Usman Joyia <sup>1</sup>     |
| Thursday   | Computer Orgnaization and Assembly Language - Lab<br>Ali Raza <sup>1</sup> |   | Discrete Structures<br>Usman Ghous <sup>1</sup>  |                       | Differential Equations<br>Muhammad Waqas Javed <sup>1</sup> | Marketing Management<br>Syed Zeeshan Haider <sup>1</sup> |
| Friday     |  |   |  |                       | Discrete Structures<br>Usman Ghous <sup>1</sup>             |  |

# CS-3E

| Day/Period | I  | II | III  | 1:15-1:45             | IV  | V |
|------------|--|----|--|-----------------------|---|---|
| Monday     |  |    | Computer Organization and Assembly Language - Lab<br>1<br>Abuzar Ghafari<br>Differential Equations<br>1<br>Hayat Ali | L<br>U<br>N<br>C<br>H | Computer Organization and Assembly Language - Lab<br>1<br>Abuzar Ghafari<br>Finance & Accounting<br>1<br>Agha Mureed Ahmad Khan |   |
| Tuesday    |  |    |  |                       |   |   |
| Wednesday  |  |    |  |                       | Finance & Accounting<br>1<br>Agha Mureed Ahmad Khan   |   |
| Thursday   |  |    |  |                       |   |   |
| Friday     | Differential Equations<br>1<br>Hayat Ali |    |  |                       |   |   |

# CS-5A

| Day/Period | I   | II   | III   | 1:15-1:45             | IV   | V   |
|------------|---|--|---|-----------------------|--|---|
| Monday     | Web Programming<br>Muhammad Shahrose Khan <sup>1</sup>          |  | Computer Networks - Lab<br>Ayesha Liaqat <sup>1</sup> | L<br>U<br>N<br>C<br>H | Computer Networks - Lab<br>Ayesha Liaqat <sup>1</sup>    |   |
| Tuesday    | Software Design and Analysis<br>Dr. Muhammad Bilal <sup>1</sup> | Probability and Statistics<br>Haris Khurram <sup>1</sup> | Theory of Automata<br>Anmol Bilal <sup>1</sup>        |                       |  |   |
| Wednesday  |   |  |   |                       | Computer Networks<br>Masood Habib <sup>1</sup>           |   |
| Thursday   |   |  |   |                       | Web Programming<br>Muhammad Shahrose Khan <sup>1</sup>   | Software Design and Analysis<br>Dr. Muhammad Bilal <sup>1</sup> |
| Friday     |   | Computer Networks<br>Masood Habib <sup>1</sup>           | Theory of Automata<br>Anmol Bilal <sup>1</sup>        |                       | Probability and Statistics<br>Haris Khurram <sup>1</sup> |   |

# CS-5B

| Day/Period | I  | II   | III   | 1:15-1:45             | IV   | V  |
|------------|--|--|---|-----------------------|--|--|
| Monday     |  |  |   | L<br>U<br>N<br>C<br>H | Web Programming<br>Muhammad Shahrose Khan <sup>1</sup> |  |
| Tuesday    | Theory of Automata<br>Anmol Bilal <sup>1</sup>   |  | Software Design and Analysis<br>Dr. Muhammad Bilal <sup>1</sup> |                       |  | Marketing Management<br>Hafiz MZeeshan Raza <sup>1</sup> |
| Wednesday  |  |  | Computer Networks - Lab<br>Ayesha Liaqat <sup>1</sup>           |                       | Computer Networks - Lab<br>Ayesha Liaqat <sup>1</sup>  |  |
| Thursday   | Computer Networks<br>Dr. Bilal Khan <sup>1</sup> | Marketing Management<br>Hafiz MZeeshan Raza <sup>1</sup> | Software Design and Analysis<br>Dr. Muhammad Bilal <sup>1</sup> |                       |  |  |
| Friday     | Theory of Automata<br>Anmol Bilal <sup>1</sup>   | Web Programming<br>Muhammad Shahrose Khan <sup>1</sup>   | Computer Networks<br>Dr. Bilal Khan <sup>1</sup>                |                       |  |  |

# CS-5C

| Day/Period | I   | II   | III   | 1:15-1:45             | IV  | V   |
|------------|---|--|---|-----------------------|---|---|
| Monday     |   |  |   | L<br>U<br>N<br>C<br>H |   | <b>Theory of Automata</b><br><b>Numan Shafi</b> 1   |
| Tuesday    | <b>Computer Networks - Lab</b><br><b>Sumaira Mustafa</b> 1      |  | <b>Computer Networks</b><br><b>Dr. Bilal Khan</b> 1         |                       |   | <b>Advanced Programming</b><br><b>Awais Azam</b> 1  |
| Wednesday  | <b>Software Design and Analysis</b><br><b>Dr. Uzair Iqbal</b> 1 |  | <b>Probability and Statistics</b><br><b>Haris Khurram</b> 1 |                       | <b>Software Design and Analysis</b><br><b>Dr. Uzair Iqbal</b> 1 | <b>Computer Networks</b><br><b>Dr. Bilal Khan</b> 1 |
| Thursday   |   |  |   |                       | <b>Theory of Automata</b><br><b>Numan Shafi</b> 1               |   |
| Friday     | <b>Probability and Statistics</b><br><b>Haris Khurram</b> 1     | <b>Advanced Programming</b><br><b>Awais Azam</b> 1 |   |                       |   |   |

# CS-5D

| Day/Period | I  | II  | III                               | 1:15-1:45             | IV   | V                                 |
|------------|--|---|-----------------------------------|-----------------------|--|-----------------------------------|
| Monday     | Discrete Structures<br>Usman Ghous 1                 |   |                                   | L<br>U<br>N<br>C<br>H | Design and Analysis of Algorithms<br>Shoaib Saleem 1 |                                   |
| Tuesday    | Theory of Automata<br>Numan Shafi 1                  |   |                                   |                       | Database Systems - Lab<br>Saqib Hayat 1              |                                   |
| Wednesday  |  |   |                                   |                       | Operating System<br>Usman Ghous 1                    | Database Systems<br>Saqib Hayat 1 |
| Thursday   | Design and Analysis of Algorithms<br>Shoaib Saleem 1 | Operating System<br>Usman Ghous 1   | Psychology<br>Aisha Bano 1        |                       | Operating Systems - Lab<br>Muhammad Haseeb Arshad 1  |                                   |
| Friday     |  | Discrete Structures<br>Usman Ghous 1<br>Theory of Automata<br>Numan Shafi 1 | Database Systems<br>Saqib Hayat 1 |                       | Psychology<br>Aisha Bano 1                           |                                   |

# CS-5E

| Day/Period | I   | II  | III | 1:15-1:45             | IV                                 | V   |
|------------|---|---|-----|-----------------------|------------------------------------|---|
| Monday     |   | Psychology<br>Aisha Bano1                   |     | L<br>U<br>N<br>C<br>H | Theory of Automata<br>Numan Shafi1 | Design and Analysis of Algorithms<br>Shoaib Saleem1 |
| Tuesday    | Database Systems - Lab<br>Muhammad Shahrose Khan1   |   |     |                       |                                    |   |
| Wednesday  | Design and Analysis of Algorithms<br>Shoaib Saleem1 |   |     |                       | Psychology<br>Aisha Bano1          |   |
| Thursday   |   | Operating Systems - Lab<br>Muhammad Yousaf1 |     |                       |                                    |   |
| Friday     | Theory of Automata<br>Numan Shafi1                  | Database Systems<br>Aliza Saeed1            |     |                       |                                    |   |



# CS-7A

| Day/Period | I  | II                                      | III  | 1:15-1:45             | IV  | V   |
|------------|--|---|--|-----------------------|---|---|
| Monday     | Data Mining<br>Dr. Rabia Maqsood<br>1              |   | Information Security<br>Dr. Danish Shehzad<br>1  | L<br>U<br>N<br>C<br>H |   |   |
| Tuesday    | Professional Practices in IT<br>Rizwan ul Haq<br>1 |   |  |                       | Artificial Intelligence<br>Dr. Shahnawaz Qureshi<br>1 |   |
| Wednesday  |  |   | Data Science<br>Adeel Ashraf Cheema<br>1         |                       | Software Engineering<br>Awais Azam<br>1               |   |
| Thursday   | Professional Practices in IT<br>Rizwan ul Haq<br>1 | Data Mining<br>Dr. Rabia Maqsood<br>1   | Artificial Intelligence - Lab<br>Saba Aslam<br>1 |                       | Artificial Intelligence - Lab<br>Saba Aslam<br>1      |   |
| Friday     |  | Software Engineering<br>Awais Azam<br>1 | Data Science<br>Adeel Ashraf Cheema<br>1         |                       | Information Security<br>Dr. Danish Shehzad<br>1       | Artificial Intelligence<br>Dr. Shahnawaz Qureshi<br>1 |

# CS-7B

| Day/Period | I                                    | II                                    | III  | 1:15-1:45             | IV | V  |
|------------|--------------------------------------|---------------------------------------|--|-----------------------|----|--|
| Monday     |                                      |                                       |  | L<br>U<br>N<br>C<br>H |    |  |
| Tuesday    |                                      |                                       | Software Engineering<br>Awais Azam 1           |                       |    | Information Security<br>Dr. Danish Shehzad 1                             |
| Wednesday  |                                      |                                       | Data Mining<br>Nasreen Akhtar 1                |                       |    | Data Mining<br>Nasreen Akhtar 1<br>Data Science<br>Adeel Ashraf Cheema 1 |
| Thursday   |                                      |                                       |  |                       |    | Information Security<br>Dr. Danish Shehzad 1                             |
| Friday     | Software Engineering<br>Awais Azam 1 | Data Science<br>Adeel Ashraf Cheema 1 | Professional Practices in IT<br>Masood Habib 1 |                       |    | Professional Practices in IT<br>Masood Habib 1                           |

# CS-7C

| Day/Period | I  | II | III   | 1:15-1:45             | IV  | V   |
|------------|--|----|---|-----------------------|---|---|
| Monday     |  |    | Professional Practices in IT<br>Masood Habib <sup>1</sup> | L<br>U<br>N<br>C<br>H | Applied Machine Learning<br>Dr. Hashim Yasin <sup>1</sup> |   |
| Tuesday    |  |    |   |                       |   | Professional Practices in IT<br>Masood Habib <sup>1</sup> |
| Wednesday  |  |    |   |                       | Information Security<br>Dr. Irfan ul Haq <sup>1</sup>     |   |
| Thursday   | Software for Mobile Devices - Lab<br>Tahir Farooq <sup>1</sup> |    | Information Security<br>Dr. Irfan ul Haq <sup>1</sup>     |                       |   |   |
| Friday     |  |    |   |                       |   | Applied Machine Learning<br>Dr. Hashim Yasin <sup>1</sup> |

# CS-7D

| Day/Period | I  | II   | III  | 1:15-1:45             | IV   | V |
|------------|--|--|--|-----------------------|--|---|
| Monday     | Information Security<br>Dr. Muhammad Umar Aftab<br>1 |  |  | L<br>U<br>N<br>C<br>H | Applied Machine Learning<br>Dr. Hashim Yasin<br>1      |   |
| Tuesday    |  | Professional Practices in IT<br>Tehreem Aslam<br>1   | Software for Mobile Devices - Lab<br>Tahir Farooq<br>1 |                       | Software for Mobile Devices - Lab<br>Tahir Farooq<br>1 |   |
| Wednesday  |  |  | Professional Practices in IT<br>Tehreem Aslam<br>1     |                       |  |   |
| Thursday   | Applied Machine Learning<br>Dr. Hashim Yasin<br>1    |  |  |                       |  |   |
| Friday     |  | Information Security<br>Dr. Muhammad Umar Aftab<br>1 |  |                       |  |   |

# CS-7E

| Day/Period | I | II  | III   | 1:15-1:45             | IV  | V                                   |
|------------|---|---|---|-----------------------|---|-------------------------------------|
| Monday     |   | Professional Practices in IT<br>Tehreem Aslam   |   | L<br>U<br>N<br>C<br>H |   |                                     |
| Tuesday    |   | Information Security<br>Dr. Muhammad Umar Aftab |   |                       |   |                                     |
| Wednesday  |   | Software Testing<br>Dr. Uzair Iqbal             | Fundamentals of Software Project Management<br>Dr. Muhammad Bilal |                       | Information Security<br>Dr. Muhammad Umar Aftab |                                     |
| Thursday   |   |   |   |                       |   |                                     |
| Friday     |   |   | Fundamentals of Software Project Management<br>Dr. Muhammad Bilal |                       |   | Software Testing<br>Dr. Uzair Iqbal |

CS-7F

| Day/Period | I  | II   | III | 1:15-1:45             | IV | V |
|------------|--|--|-----|-----------------------|----|---|
| Monday     | Software Testing<br>Dr. Uzair Iqbal1             |  |     | L<br>U<br>N<br>C<br>H |    |   |
| Tuesday    | Software Testing<br>Dr. Uzair Iqbal1             |  |     |                       |    |   |
| Wednesday  |  | Remote Sensing and GIS<br>Dr M. Shahzad Sarfraz1 |     |                       |    |   |
| Thursday   |  |  |     |                       |    |   |
| Friday     | Remote Sensing and GIS<br>Dr M. Shahzad Sarfraz1 |  |     |                       |    |   |

CS-9A

| Day/Period | I  | II | III | 1:15-1:45             | IV   | V  |
|------------|--|----|-----|-----------------------|--|--|
| Monday     |  |    |     | L<br>U<br>N<br>C<br>H |  |  |
| Tuesday    | Software for Mobile Devices - Lab<br>No-Teacher <sup>1</sup> |    |     |                       |  |  |
| Wednesday  |  |    |     |                       |  |  |
| Thursday   |  |    |     |                       |  | Computer Architecture <sup>1</sup><br>Muhammad Usman Joyia |
| Friday     |  |    |     |                       | Computer Architecture <sup>1</sup><br>Muhammad Usman Joyia |  |

# SE-1A

| Day/Period | I   | II                              | III  | 1:15-1:45             | IV   | V   |
|------------|---|---------------------------------|--|-----------------------|--|---|
| Monday     | English Composition and Comprehension - Lab<br>Muhammad Ammar                 |                                 | English Composition and Comprehension - Lab<br>Ehtasham-Ul-Haq | L<br>U<br>N<br>C<br>H | English Composition and Comprehension - Lab<br>Ehtasham-Ul-Haq | Applied Physics<br>Waheed Ahmad             |
| Tuesday    |   | Pakistan Studies<br>Asma Yaqoob |  |                       | English Composition and Comprehension<br>Farah Iqbal           |   |
| Wednesday  | Programming Fundamentals - Lab<br>Sumaira Mustafa                             |                                 | Calculus and Analytical Geometry<br>Bushra Niaz                |                       | Calculus and Analytical Geometry<br>Bushra Niaz                | Programming Fundamentals<br>Sumaira Mustafa |
| Thursday   | Introduction to Information and Communication Technology - Lab<br>Umar Naseer |                                 | English Composition and Comprehension<br>Sadia Ashfaq          |                       | English Composition and Comprehension<br>Sadia Ashfaq          | Pakistan Studies<br>Asma Yaqoob             |
| Friday     | Programming Fundamentals<br>Sumaira Mustafa                                   |                                 | English Composition and Comprehension<br>Farah Iqbal           |                       |  | Applied Physics<br>Waheed Ahmad             |



# SE-1B

| Day/Period | I  | II   | III                               | 1:15-1:45             | IV                                | V   |  |
|------------|--|--|-----------------------------------|-----------------------|-----------------------------------|---|--|
| Monday     | English Composition and Comprehension<br>Rida Akram        | Introduction to Information and Communication Technology - Lab<br>Muhammad Haseeb Arshad |                                   | L<br>U<br>N<br>C<br>H | Pakistan Studies<br>Zainab Javeed |   |  |
|            | English Composition and Comprehension<br>Muhammad Iqbal    |  |                                   |                       |                                   |   |  |
|            |  |  |                                   |                       |                                   |   |  |
|            |  |  |                                   |                       |                                   |   |  |
| Tuesday    |  | Applied Physics<br>Dr. Arslan Ahmed Amin   | Pakistan Studies<br>Zainab Javeed |                       |                                   | Programming Fundamentals - Lab<br>Aliza Saeed       |  |
| Wednesday  |  | English Composition and Comprehension - Lab<br>Sadia Ashfaq                              |                                   |                       |                                   | English Composition and Comprehension<br>Rida Akram | Applied Physics<br>Dr. Arslan Ahmed Amin |
| Thursday   | English Composition and Comprehension - Lab<br>Farah Iqbal | English Composition and Comprehension - Lab<br>Farah Iqbal                               |                                   |                       |                                   | Calculus and Analytical Geometry<br>Bushra Niaz     | Programming Fundamentals<br>Aliza Saeed  |
|            |  | English Composition and Comprehension<br>Muhammad Iqbal                                  |                                   |                       |                                   |   |  |
| Friday     | Programming Fundamentals<br>Aliza Saeed                    | Calculus and Analytical Geometry<br>Bushra Niaz  |                                   |                       |                                   |   |  |

# SE-3A

| Day/Period | I  | II  | III  | 1:15-1:45             | IV   | V   |
|------------|--|---|--|-----------------------|--|---|
| Monday     | Software Requirement Engineering<br>Pariwish Touseef 1 |   | Marketing Management<br>Hafiz MZeeshan Raza 1          | L<br>U<br>N<br>C<br>H |  | Object Oriented Programming<br>Dr Usman Habib 1 |
| Tuesday    | Data Structures<br>Muhammad Usman Joyia 1              | Marketing Management<br>Hafiz MZeeshan Raza 1         |  |                       | Data Structures - Lab<br>Aqsa Younas 1                 |   |
| Wednesday  |  |   | Object Oriented Programming - Lab<br>Muhammad Yousaf 1 |                       | Object Oriented Programming - Lab<br>Muhammad Yousaf 1 | Linear Algebra<br>Ghilmana Sarmad 1             |
| Thursday   | Software Requirement Engineering<br>Pariwish Touseef 1 | Object Oriented Programming<br>Dr Usman Habib 1       | Human Computer Interaction<br>Dr. Shahnawaz Qureshi 1  |                       |  |   |
| Friday     | Data Structures<br>Muhammad Usman Joyia 1              | Human Computer Interaction<br>Dr. Shahnawaz Qureshi 1 |  |                       |  | Linear Algebra<br>Ghilmana Sarmad 1             |

# SE-3B

| Day/Period | I   | II  | III   | 1:15-1:45             | IV   | V   |
|------------|---|---|---|-----------------------|--|---|
| Monday     | Human Computer Interaction<br>Dr. Shahnawaz Qureshi<br>1  | Data Structures - Lab<br>Asif Ameer<br>1                  |   | L<br>U<br>N<br>C<br>H |  |   |
| Tuesday    |   |   |   |                       | Human Computer Interaction<br>Dr. Shahnawaz Qureshi<br>1 | Finance & Accounting<br>Muhammad Nasif<br>1 |
| Wednesday  |   |   | Finance & Accounting<br>Muhammad Nasif<br>1 |                       |  |   |
| Thursday   | Software Requirement Engineering<br>Pariwish Touseef<br>1 |   | Data Structures<br>Asif Ameer<br>1          |                       | Linear Algebra<br>Ghilmana Sarmad<br>1                   |   |
| Friday     |   | Software Requirement Engineering<br>Pariwish Touseef<br>1 |   |                       |  | Data Structures<br>Asif Ameer<br>1          |

# SE-5A

| Day/Period | I  | II  | III  | 1:15-1:45             | IV  | V   |
|------------|--|---|--|-----------------------|---|---|
| Monday     | Database Systems - Lab<br>Nasreen Akhtar1                |   | Software Construction and Development<br>Dr. Affan Rauf1 | L<br>U<br>N<br>C<br>H | Software Construction and Development - Lab<br>Muhammad Azeem Iftikhar1                   |   |
| Tuesday    |  | Probability and Statistics<br>Haris Khurram1                |  |                       |   |   |
| Wednesday  | Software Construction and Development<br>Dr. Affan Rauf1 | Operating Systems - Lab<br>Muhammad Yousaf1                 |  |                       | Database Systems<br>Nasreen Akhtar1   | Operation Research<br>Dr. Muhammad Imran Babar1<br>Software Quality Engineering<br>Tehreem Aslam1 |
| Thursday   | Software Quality Engineering<br>Tehreem Aslam1           |   | Database Systems<br>Nasreen Akhtar1                      |                       | Operating Systems<br>Muhammad Husnain1<br>Operation Research<br>Dr. Muhammad Imran Babar1 | Probability and Statistics<br>Haris Khurram1  |
| Friday     |  | Technical and Business Writing<br>Muhammad Nouman Iftikhar1 | Operating Systems<br>Muhammad Husnain1                   |                       | Technical and Business Writing<br>Muhammad Nouman Iftikhar1                               |   |

# SE-5B

| Day/Period | I  | II  | III   | 1:15-1:45             | IV  | V  |
|------------|--|---|---|-----------------------|---|--|
| Monday     |  |   | Probability and Statistics<br>1<br>Haris Khurram                | L<br>U<br>N<br>C<br>H |   | Software Construction and Development<br>1<br>Dr. Affan Rauf |
| Tuesday    | Operation Research<br>1<br>Dr. Muhammad Imran Babar          | Software Quality Engineering<br>1<br>Abdul Qadeer Bilal |   |                       |   | Probability and Statistics<br>1<br>Haris Khurram             |
| Wednesday  |  |   |   |                       | Technical and Business Writing<br>1<br>Muhammad Nouman Iftikhar             | Software Quality Engineering<br>1<br>Abdul Qadeer Bilal      |
| Thursday   | Software Construction and Development<br>1<br>Dr. Affan Rauf |   | Technical and Business Writing<br>1<br>Muhammad Nouman Iftikhar |                       | Software Construction and Development - Lab<br>1<br>Muhammad Azeem Iftikhar |  |
| Friday     |  |   |   |                       | Operation Research<br>1<br>Dr. Muhammad Imran Babar                         |  |