

# CS-1A

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

# CS-1B

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

# CS-1C

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

# CS-1D

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

# CS-1E

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

# CS-1F

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

# CS-3A

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

# CS-3B

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



# CS-3C

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

# CS-3D

| 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 | Marketing Management<br>Syed Zeeshan Haider<br>1                   |   |
| Tuesday    | Differential Equations<br>Muhammad Waqas Javed<br>1 |    | Data Structures - Lab<br>Saba Aslam<br>1     |                       | Data Structures - Lab<br>Saba Aslam<br>1                           | Differential Equations<br>Muhammad Waqas Javed<br>1 |
| Wednesday  |   |    | Data Structures<br>Muhammad Usman Joyia<br>1 |                       |  | Discrete Structures<br>Usman Ghous<br>1             |
| Thursday   | Data Structures<br>Muhammad Usman Joyia<br>1        |    | Discrete Structures<br>Usman Ghous<br>1      |                       | Computer Orgnaization and Assembly Language - Lab<br>Ali Raza<br>1 |   |
| Friday     |   |    |  |                       |  |   |

CS-3E

| Day/Period | I  | II                                   | III | 1:15-1:45             | IV  | V                                    |
|------------|--|--------------------------------------|-----|-----------------------|---|--------------------------------------|
| Monday     |  | Differential Equations<br>Hayat Ali1 |     | L<br>U<br>N<br>C<br>H |   | Differential Equations<br>Hayat Ali1 |
| Tuesday    | Computer Organization and Assembly Language - Lab<br>Abuzar Ghafari1 |                                      |     |                       | Finance & Accounting<br>Agha Mureed Ahmad Khan1 |                                      |
| Wednesday  | Finance & Accounting<br>Agha Mureed Ahmad Khan1                      |                                      |     |                       |   |                                      |
| Thursday   |  |                                      |     |                       |   |                                      |
| Friday     |  |                                      |     |                       |   |                                      |

# CS-5A

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

# CS-5B

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

# CS-5C

| Day/Period | I  | II   | III   | 1:15-1:45             | IV  | V                                    |
|------------|--|--|---|-----------------------|---|--------------------------------------|
| Monday     |  |  | Computer Networks - Lab<br>Sumaira Mustafa1 | L<br>U<br>N<br>C<br>H | Computer Networks - Lab<br>Sumaira Mustafa1 | Advanced Programming<br>Awais Azam1  |
| Tuesday    |  | Theory of Automata<br>Numan Shafi1           | Advanced Programming<br>Awais Azam1         |                       | Computer Networks<br>Dr. Bilal Khan1        |                                      |
| Wednesday  |  | Probability and Statistics<br>Haris Khurram1 |   |                       |   | Computer Networks<br>Dr. Bilal Khan1 |
| Thursday   |  |  |   |                       |   | Theory of Automata<br>Numan Shafi1   |
| Friday     | Software Design and Analysis<br>Dr. Uzair Iqbal1 |  |   |                       |   |                                      |

# CS-5D

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

# CS-5E

| Day/Period | I | II   | III  | 1:15-1:45             | IV   | V                                 |
|------------|---|--|--|-----------------------|--|-----------------------------------|
| Monday     |   |  | Psychology<br>Aisha Bano   | L<br>U<br>N<br>C<br>H | Theory of Automata<br>Numan Shafi                  |                                   |
| Tuesday    |   |  |  |                       | Design and Analysis of Algorithms<br>Shoaib Saleem |                                   |
| Wednesday  |   | Operating Systems - Lab<br>Muhammad Yousaf |  |                       | Database Systems<br>Aliza Saeed                    |                                   |
| Thursday   |   | Database Systems<br>Aliza Saeed            | Database Systems - Lab<br>Muhammad Shahrose Khan<br>Design and Analysis of Algorithms<br>Shoaib Saleem |                       | Database Systems - Lab<br>Muhammad Shahrose Khan   | Theory of Automata<br>Numan Shafi |
| Friday     |   |  |  |                       |  | Psychology<br>Aisha Bano          |



# CS-7A

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

# CS-7B

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

# CS-7C

| Day/Period | I   | II   | III   | 1:15-1:45             | IV  | V   |
|------------|---|--|---|-----------------------|---|---|
| Monday     |   | Professional Practices in IT<br>Masood Habib1      |   | L<br>U<br>N<br>C<br>H | Professional Practices in IT<br>Masood Habib1 | Applied Machine Learning<br>Dr. Hashim Yasin1 |
| Tuesday    |   | Software for Mobile Devices - Lab<br>Tahir Farooq1 |   |                       |   |   |
| Wednesday  |   |  |   |                       |   |   |
| Thursday   |   |  | Information Security<br>Dr. Irfan ul Haq1     |                       |   |   |
| Friday     | Information Security<br>Dr. Irfan ul Haq1 |  | Applied Machine Learning<br>Dr. Hashim Yasin1 |                       |   |   |

CS-7D

| Day/Period | I   | II | III  | 1:15-1:45             | IV   | V   |
|------------|---|----|--|-----------------------|--|---|
| Monday     |   |    | Professional Practices in IT<br>Tehreem Aslam1     | L<br>U<br>N<br>C<br>H | Professional Practices in IT<br>Tehreem Aslam1     |   |
| Tuesday    |   |    |  |                       |  |   |
| Wednesday  |   |    | Software for Mobile Devices - Lab<br>Tahir Farooq1 |                       | Software for Mobile Devices - Lab<br>Tahir Farooq1 |   |
| Thursday   | Applied Machine Learning<br>Dr. Hashim Yasin1 |    |  |                       | Information Security<br>Dr. Muhammad Umar Aftab1   |   |
| Friday     |   |    |  |                       |  | Applied Machine Learning<br>Dr. Hashim Yasin1 |

# CS-7E

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

CS-7F

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

CS-9A

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

# SE-1A

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



# SE-1B

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

# SE-3A

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

# SE-3B

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

# SE-5A

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

# 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    |  |   |   |                       | Probability and Statistics<br>1<br>Haris Khurram    | Technical and Business Writing<br>1<br>Muhammad Nouman Iftikhar |
| Wednesday  |  | Software Construction and Development - Lab<br>1<br>Muhammad Azeem Iftikhar |   |                       |   | Technical and Business Writing<br>1<br>Muhammad Nouman Iftikhar |
| Thursday   |  |   | Software Quality Engineering<br>1<br>Abdul Qadeer Bilal |                       | Operation Research<br>1<br>Dr. Muhammad Imran Babar | Software Quality Engineering<br>1<br>Abdul Qadeer Bilal         |
| Friday     | Software Construction and Development<br>1<br>Dr. Affan Rauf | Operation Research<br>1<br>Dr. Muhammad Imran Babar                         |   |                       |   |   |