#### CS-1A

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

#### CS-1B

| Day/Peri od | I   | п   | ш   | 1:15-1:45             | īv  | v   |
|-------------|---|---|---|-----------------------|---|---|
| Monday      | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar       | English Composition and<br>Comprehension - Lab  1 Farah Iqbal  English Composition and<br>Comprehension  1 Muhammad Ammar   | English Composition and<br>Comprehension - Lab<br>1<br>Farah Iqbal            |                       | Digital Logic Design - Lab<br>Mujahid Hussain   | 1   |
| Tuesday     | Digital Logic Design<br>1<br>Muhammad Sajid Iqbal                     |   | Introduction to Information and Communication Technology - Lab  1 Umar Naseer |                       | Introduction to<br>Information and<br>Communication<br>Technology - Lab<br>1<br>Umar Naseer | Linear Algebra<br>1<br>Amjad Hussain              |
| Wednesday   | Islamic Studies/Ethics<br>1<br>Rizwanullah                            | Programming Fundamentals - Lab  1 Pari wish Touseef   |   | L<br>U<br>N<br>C<br>H |   | Linear Algebra<br>1<br>Amjad Hussain              |
| Thursday    | English Composition and<br>Comprehension - Lab<br>1<br>Muhammad Iqbal | English Composition and<br>Comprehension - Lab  1 Muhammad Iqbal  English Composition and<br>Comprehension  1 Junaid Shahid | Islamic Studies/Ethics<br>1<br>Rizwanullah                                    |                       |   | Digital Logic Design<br>1<br>Muhammad Sajid Iqbal |
| Friday      | Programming Fundamenta<br>Rizwan ul Haq                               | ıls<br>1  | English Composition and<br>Comprehension<br>1<br>Junaid Shahid                |                       |   |   |

#### CS-1C

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

#### CS-1D

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

## CS-1E

| Day/Period | I   | 11  | ш   | 1:15-1:45             | IV  | v   |
|------------|---|---|---|-----------------------|---|---|
| Monday     | Pakistan Studies<br>1<br>Asif Naveed                          | Introduction to Information and Communication<br>Technology - Lab  1 Muiz Qadir                                   |   |                       | English Composition and Comprehension - Lab Amna Farooq |   |
| Tuesday    |   | English Composition and<br>Comprehension<br>1<br>Farah Iqbal  | Programming<br>Fundamentals<br>1<br>Dr. Danish Shehzad          |                       | Programming Fundamenta<br>Mughees Ismail                | lls - Lab   |
| Wednesday  | Calculus and Analytical<br>Geometry<br>1<br>Dr. Mushtaq Ahmad | Pakistan Studies<br>1<br>Asif Naveed  | English Composition and<br>Comprehension<br>1<br>Muhammad Iqbal | L<br>U<br>N<br>C<br>H |   | Calculus and Analytical<br>Geometry<br>1<br>Dr. Mushtaq Ahmad |
| Thursday   | Applied Physics<br>1<br>Waheed Ahmad                          | English Composition and<br>Comprehension - Lab  1 Mah Rukh English Composition and<br>Comprehension 1 Farah Iqbal | English Composition and<br>Comprehension - Lab<br>1<br>Mah Rukh |                       | Programming<br>Fundamentals<br>1<br>Dr. Danish Shehzad  | Applied Physics<br>1<br>Waheed Ahmad                          |
| Friday     |   | English Composition and<br>Comprehension<br>1<br>Muhammad Iqbal   |   |                       |   |   |

## CS-1F

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

#### CS-3A

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

## CS-3B

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

# CS-3C

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

## CS-3D

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

## CS-3E

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

#### CS-5A

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

## CS-5B

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

## CS-5C

| Day/Period | I  | 11  | ш  | 1:15-1:45             | IV                                       | v   |
|------------|--|---|--|-----------------------|--|---|
| Monday     |  |   |  |                       |  | Probability and Statistics  1 Haris Khurram             |
| Tuesday    | Computer Networks - Lab<br>Sumaira Mustafa | 1   |  |                       |  |   |
| Wednesday  | Theory of Automata<br>1<br>Numan Shafi     |   |  | L<br>U<br>N<br>C<br>H | Theory of Automata<br>1<br>Numan Shafi   |   |
| Thursday   | Advanced Programming<br>1<br>Awais Azam    |   | Probability and Statistics<br>1<br>Haris Khurram |                       | Computer Networks<br>1<br>Dr. Bilal Khan |   |
| Friday     | Advanced Programming  1 Awais Azam         | Software Design and<br>Analysis<br>1<br>Dr. Uzair Iqbal |  |                       | Computer Networks<br>1<br>Dr. Bilal Khan | Software Design and<br>Analysis<br>1<br>Dr. Uzair Iqbal |

## **CS-5D**

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

## CS-5E

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

#### CS-7A

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

## CS-7B

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

#### **CS-7C**

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

## CS-7D

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

## CS-7E

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

## CS-7F

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

#### CS-9A

| Day/Peri od | I                           | п  | ш  | 1:15-1:45             | IV | v |
|-------------|-----------------------------|--|--|-----------------------|----|---|
| Monday      |                             |  |  |                       |    |   |
| Tuesday     | Software for Mobile Device: | s - Lab<br>1                                       |  |                       |    |   |
| Wednesday   |                             | Computer Architecture<br>1<br>Muhammad Usman Joyia |  | L<br>U<br>N<br>C<br>H |    |   |
| Thursday    |                             |  |  |                       |    |   |
| Friday      |                             |  | Computer Architecture<br>1<br>Muhammad Usman Joyia |                       |    |   |

#### SE-1A

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

#### SE-1B

| Day/Period | I  | 11   | ш   | 1:15-1:45             | IV  | v   |
|------------|--|--|---|-----------------------|---|---|
| Monday     | Pakistan Studies<br>1<br>Zainab Javeed                             | Introduction to Information<br>Technology - Lab<br>Muhammad Haseeb Arshad  | 1   |                       |   | Applied Physics  1  Dr. Arslan Ahmed Amin |
| Tuesday    | English Composition and<br>Comprehension<br>1<br>Muhammad Iqbal    | Programming<br>Fundamentals<br>1<br>Aliza Saeed  | Pakistan Studies<br>1<br>Zainab Javeed          |                       | Programming Fundamenta<br>Aliza Saeed                   | ıls - Lab                                 |
| Wednesday  | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz            | English Composition and C  | Comprehension - Lab<br>1                        | L<br>U<br>N<br>C<br>H |   |   |
| Thursday   | English Composition and<br>Comprehension - Lab<br>1<br>Farah Iqbal | English Composition and<br>Comprehension - Lab  1 Farah Iqbal English Composition and<br>Comprehension  1 Muhammad Iqbal | Programming<br>Fundamentals<br>1<br>Aliza Saeed |                       | English Composition and C                               | Comprehensi on                            |
| Friday     | Applied Physics  1 Dr. Arslan Ahmed Amin                           |  |   |                       | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz |   |

#### SE-3A

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

## SE-3B

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

## SE-5A

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

## SE-5B

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