### CS-1A

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

### CS-1B

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

### CS-1C

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

# CS-1D

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

# CS-1E

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

### CS-1F

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

### CS-3A

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

# CS-3B

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

# CS-3C

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

# CS-3D

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

# CS-3E

| Day/Period | I  | п  | ш   | 1:15-1:45             | īV | v |
|------------|--|--|---|-----------------------|----|---|
| Monday     |  |  |   |                       |    |   |
| 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   | Differential Equations<br>1<br>Hayat Ali | Computer Organization and Assembly Language - Lab<br>1<br>Abuzar Ghafari |   |                       |    |   |
| Friday     |  |  | Finance & Accounting<br>1<br>Agha Mureed Ahmad Khan |                       |    |   |

### CS-5A

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

# CS-5B

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

# CS-5C

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

# **CS-5D**

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

# CS-5E

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

### CS-7A

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

# CS-7B

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

### **CS-7C**

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

# CS-7D

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

# CS-7E

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

# CS-7F

| Day/Period | I                                   | 11  | ш | 1:15-1:45             | IV  | v |
|------------|-------------------------------------|---|---|-----------------------|---|---|
| Monday     | Software Testing  1 Dr. Uzair Iqbal | Remote Sensing and GIS  1 Dr M. Shahzad Sarfraz |   |                       |   |   |
| Tuesday    |                                     |   |   |                       |   |   |
| Wednesday  |                                     |   |   | L<br>U<br>N<br>C<br>H | Remote Sensing and GIS  1 Dr M. Shahzad Sarfraz |   |
| Thursday   |                                     |   |   |                       | Software Testing<br>1<br>Dr. Uzair Iqbal        |   |
| Friday     |                                     |   |   |                       |   |   |

### CS-9A

| Day/Period | I                           | 11           | ш | 1:15-1:45             | IV  | v |
|------------|-----------------------------|--------------|---|-----------------------|---|---|
| Monday     |                             |              |   |                       |   |   |
| Tuesday    |                             |              |   |                       |   |   |
| Wednesday  | Software for Mobile Devices | s - Lab<br>1 |   | L<br>U<br>N<br>C<br>H | Computer Architecture  1 Muhammad Usman Joyia |   |
| Thursday   |                             |              |   |                       |   |   |
| Friday     |                             |              |   |                       | Computer Architecture  1 Muhammad Usman Joyia |   |

### SE-1A

| Day/Peri od | I  | п   | ш   | 1:15-1:45             | īV  | v   |
|-------------|--|---|---|-----------------------|---|---|
| Monday      | Applied Physics<br>1<br>Waheed Ahmad   | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa     |   |                       | English Composition and C                               | Comprehensi on - Lab  |
| Tuesday     | English Composition and Comprehension - Lab  1 Muhammad Ammar                                      |   |   |                       |   | Applied Physics<br>1<br>Waheed Ahmad                          |
| Wednesday   | Programming Fundamentals - Lab  Sumaira Mustafa  |   | English Composition and<br>Comprehension<br>1<br>Farah Iqbal  | L<br>U<br>N<br>C<br>H | Pakistan Studies<br>1<br>Asma Yaqoob                    | English Composition and<br>Comprehension<br>1<br>Sadia Ashfaq |
| Thursday    | English Composition and Comprehension  Introduction to Information Technology - Lab  Turnar Naseer |   | on and Communication  |                       | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz |   |
| Friday      |  | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz | English Composition and<br>Comprehension<br>1<br>Sadia Ashfaq |                       | Pakistan Studies<br>1<br>Asma Yaqoob                    | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa           |

### SE-1B

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

### SE-3A

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

# SE-3B

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

# SE-5A

| Day/Period | I   | 11  | ш  | 1:15-1:45             | IV  | v   |
|------------|---|---|--|-----------------------|---|---|
| Monday     | Technical and Business<br>Writing<br>1<br>Muhammad Nouman<br>Iftikhar | Software Quality<br>Engineering<br>1<br>Tehreem Aslam           | Operation Research  1 Dr. Muhammad Imran Babar |                       | Database Systems<br>1<br>Nasreen Akhtar             |   |
| Tuesday    | Software Construction and<br>Development<br>1<br>Dr. Affan Rauf       | Operating Systems - Lab  Muhammad Yousaf                        | 1  |                       | Software Construction and<br>Muhammad Azeem Iftikha | 1   |
| Wednesday  |   | Software Construction and<br>Development<br>1<br>Dr. Affan Rauf |  | L<br>U<br>N<br>C<br>H | Probability and Statistics<br>1<br>Haris Khurram    | Technical and Business<br>Writing<br>1<br>Muhammad Nouman<br>Iftikhar |
| Thursday   | Database Systems<br>1<br>Nasreen Akhtar                               | Database Systems - Lab<br>Nasreen Akhtar                        | 1  |                       | Operating Systems<br>1<br>Muhammad Husnain          |   |
| Friday     | Software Quality<br>Engineering<br>1<br>Tehreem Aslam                 | Operating Systems  1 Muhammad Husnain                           | Operation Research  1 Dr. Muhammad Imran Babar |                       | Probability and Statistics<br>1<br>Haris Khurram    |   |

# SE-5B

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