

# CS-1A

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

# CS-1B

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

# CS-1C

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

# CS-1D

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

# CS-1E

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

# CS-1F

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

# CS-3A

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

# CS-3B

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

# CS-3D

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

CS-3E

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

# CS-5A

| Day/Period | I   | II   | III                                       | 1:15-1:45             | IV  | V   |  |
|------------|---|--|---|-----------------------|---|---|--|
| Monday     |   |  | Computer Networks - Lab<br>Ayesha Liaqat1 | L<br>U<br>N<br>C<br>H | Computer Networks - Lab<br>Ayesha Liaqat1 | Software Design and Analysis<br>Dr. Muhammad Bilal1 |  |
| Tuesday    |   | Web Programming<br>Muhammad Shahrose Khan1   |   |                       |   | Computer Networks<br>Masood Habib1                  |  |
| Wednesday  | Web Programming<br>Muhammad Shahrose Khan1          |  | Theory of Automata<br>Anmol Bilal1        |                       | Computer Networks<br>Masood Habib1        |   |  |
| Thursday   | Software Design and Analysis<br>Dr. Muhammad Bilal1 | Probability and Statistics<br>Haris Khurram1 |   |                       |   |   |  |
| Friday     |   | Theory of Automata<br>Anmol Bilal1           |   |                       |   |   |  |

# CS-5B

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

# CS-5C

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

# CS-5D

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

# CS-5E

| Day/Period | I   | II   | III  | 1:15-1:45             | IV   | V                               |
|------------|---|--|--|-----------------------|--|---------------------------------|
| Monday     |   | Theory of Automata<br>Numan Shafi                | Design and Analysis of Algorithms<br>Shoaib Saleem | L<br>U<br>N<br>C<br>H |  |                                 |
| Tuesday    | Database Systems - Lab<br>Muhammad Shahrose Khan<br>Theory of Automata<br>Numan Shafi | Database Systems - Lab<br>Muhammad Shahrose Khan |  |                       |  | Database Systems<br>Aliza Saeed |
| Wednesday  |   |  |  |                       | Psychology<br>Aisha Bano                           |                                 |
| Thursday   |   | Operating Systems - Lab<br>Muhammad Yousaf       |  |                       | Design and Analysis of Algorithms<br>Shoaib Saleem | Database Systems<br>Aliza Saeed |
| 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           |   | Software Engineering<br>Awais Azam<br>1               | L<br>U<br>N<br>C<br>H | Data Science<br>Adeel Ashraf Cheema<br>1           |   |
| Tuesday    | Information Security<br>Dr. Danish Shehzad<br>1 | Data Science<br>Adeel Ashraf Cheema<br>1              |   |                       | Professional Practices in IT<br>Rizwan ul Haq<br>1 |   |
| Wednesday  |   | Data Mining<br>Dr. Rabia Maqsood<br>1                 | Professional Practices in IT<br>Rizwan ul Haq<br>1    |                       |  |   |
| Thursday   |   | Artificial Intelligence<br>Dr. Shahnawaz Qureshi<br>1 | Artificial Intelligence - Lab<br>Saba Aslam<br>1      |                       | Artificial Intelligence - Lab<br>Saba Aslam<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     | Information Security<br>Dr. Danish Shehzad 1 | Data Mining<br>Nasreen Akhtar 1 | Software Engineering<br>Awais Azam 1  | L<br>U<br>N<br>C<br>H | Professional Practices in IT<br>Masood Habib 1 |                                 |
| Tuesday    | Information Security<br>Dr. Danish Shehzad 1 |                                 |                                       |                       |  |                                 |
| Wednesday  |  |                                 |                                       |                       | Data Science<br>Adeel Ashraf Cheema 1          |                                 |
| Thursday   | Software Engineering<br>Awais Azam 1         |                                 | Data Science<br>Adeel Ashraf Cheema 1 |                       |  |                                 |
| Friday     |  |                                 |                                       |                       | Professional Practices in IT<br>Masood Habib 1 | Data Mining<br>Nasreen Akhtar 1 |

# CS-7C

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

CS-7D

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

# CS-7E

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

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    |  |    |  |                       |  |  |
| Wednesday  | Remote Sensing and GIS <sup>1</sup><br>Dr M. Shahzad Sarfraz |    | Software Testing <sup>1</sup><br>Dr. Uzair Iqbal |                       | 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     |  | Computer Architecture<br>Muhammad Usman Joyia <sup>1</sup> |     | L<br>U<br>N<br>C<br>H |    |  |
| Tuesday    | Software for Mobile Devices - Lab<br>No-Teacher <sup>1</sup> |  |     |                       |    |  |
| Wednesday  |  |  |     |                       |    |  |
| Thursday   |  |  |     |                       |    | Computer Architecture<br>Muhammad Usman Joyia <sup>1</sup> |
| Friday     |  |  |     |                       |    |  |

# SE-1A

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



# SE-1B

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

# SE-3A

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

# SE-3B

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

# SE-5A

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

# SE-5B

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