#### CS-1A

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Programming Fundamentals 1 Rizwan ul Haq	s Technology - Lab			English Composition and Comprehension - Lab Muhammad Iqbal	
Tuesday		Digital Logic Design 1 Mirza Waqar Baig	English Composition and Comprehension - Lab 1 Sadia Ashfaq		English Composition and Comprehension - Lab 1 Sadia Ashfaq	
Wednesday	Digital Logic Design - Lab Muhammad Arslan		Islamic Studies/Ethics 1 Rizwanullah	L U N C H	Islamic Studies/Ethics 1 Rizwanullah	Linear Algebra 1 Amjad Hussain
Thursday	Programming Fundamentals - Lab  Mughees Ismail		English Composition and Comprehension 1 Muhammad Ammar		English Composition and Comprehension 1 Junaid Shahid	Linear Algebra 1 Amjad Hussain
Friday	Digital Logic Design 1 Mirza Waqar Baig		English Composition and Comprehension  1 Muhammad Ammar  English Composition and Comprehension  1 Junaid Shahid			Programming Fundamentals 1 Rizwan ul Haq

#### CS-1B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Islamic Studies/Ethics 1 Rizwanullah	English Composition and Comprehension - Lab 1 Farah Iqbal	English Composition and Comprehension - Lab  1 Farah Iqbal  English Composition and Comprehension  1 Muhammad Ammar		Digital Logic Design - Lab Mujahid Hussain	1
Tuesday		Digital Logic Design 1 Muhammad Sajid Iqbal	Introduction to Information and Communication Technology - Lab  1 Umar Naseer		Introduction to Information and Communication Technology - Lab  1 Umar Naseer	
Wednesday		Programming Fundamentals - Lab  Pariwish Touseef		L U N C H	Islamic Studies/Ethics 1 Rizwanullah	Programming Fundamentals 1 Rizwan ul Haq
Thursday	English Composition and Comprehension - Lab  1 Muhammad Iqbal  English Composition and Comprehension  1 Junaid Shahid	English Composition and Comprehension - Lab 1 Muhammad Iqbal	English Composition and Comprehension 1 Muhammad Ammar		Digital Logic Design 1 Muhammad Sajid Iqbal	Linear Algebra 1 Amjad Hussain
Friday			Programming Fundamentals 1 Rizwan ul Haq		Linear Algebra 1 Amjad Hussain	English Composition and Comprehension 1 Junaid Shahid

#### CS-1C

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

#### CS-1D

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

## CS-1E

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

#### CS-1F

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

#### CS-3A

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

## CS-3B

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

# CS-3C

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

## CS-3D

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

## CS-3E

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

#### CS-5A

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

## CS-5B

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

## CS-5C

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

## **CS-5D**

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Theory of Automata 1 Numan Shafi		Design and Analysis of Algorithms 1 Shoaib Saleem		Operating System Usman Ghous	1
Tuesday	Psychology 1 Aisha Bano	Database Systems 1 Saqib Hayat	Design and Analysis of Algorithms 1 Shoaib Salcem		Database Systems - Lab Saqib Hayat	1
Wednesday	Theory of Automata 1 Numan Shafi			L U N C H		
Thursday	Database Systems  1 Saqib Hayat  Discrete Structures  1 Usman Ghous				Operating Systems - Lab Muhammad Haseeb Arshad	1
Friday	Psychology 1 Aisha Bano	Discrete Structures 1 Usman Ghous				

## CS-5E

Day/Peri od	ī	п	ш	1:15-1:45	IV	v
Monday		Psychology 1 Aisha Bano				
Tuesday	1		Database Systems 1 Aliza Saeed			Database Systems  1 Aliza Saeed
Wednesday			Design and Analysis of Algorithms 1 Shoaib Saleem	L U N C H		
Thursday	Theory of Automata 1 Numan Shafi	Operating Systems - Lab  Muhammad Yousaf	1		Design and Analysis of Algorithms 1 Shoaib Saleem	Psychology 1 Aisha Bano
Friday			Theory of Automata  1 Numan Shafi			

## CS-7A

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

#### **CS-7B**

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

## **CS-7C**

Day/Peri od	1	п	ш	1:15-1:45	IV	v
Monday	Information Security  1 Dr. Irfan ul Haq					
Tuesday			Applied Machine Learning 1 Dr. Hashim Yasin			
Wednesday				L U N C H		Applied Machine Learning 1 Dr. Hashim Yasin
Thursday	Software for Mobile Devices	s-Lab 1			Professional Practices in IT 1 Masood Habib	
Friday	Information Security  1 Dr. Irfan ul Haq		Professional Practices in IT 1 Masood Habib			

## CS-7D

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

## CS-7E

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

## CS-7F

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

## CS-9A

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

#### SE-1A

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

#### SE-1B

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

## SE-3A

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

## SE-3B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Finance & Accounting  1 Muhammad Nasif	Data Structures - Lab Asif Ameer	1			
Tuesday	Finance & Accounting  1  Muhammad Nasif				Software Requirement Engineering 1 Pariwish Touseef	
Wednesday	Human Computer Interaction 1 Dr. Shahnawaz Qureshi	Software Requirement Engineering 1 Pariwish Touseef		L U N C H	Data Structures 1 Asif Ameer	
Thursday			Human Computer Interaction 1 Dr. Shahnawaz Qureshi		Linear Algebra 1 Ghilmana Sarmad	
Friday	Data Structures  1 Asif Ameer				Linear Algebra 1 Ghilmana Sarmad	

#### SE-5A

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

## SE-5B

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