#### CS-1A

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

#### CS-1B

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

#### CS-1C

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

#### CS-1D

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

## CS-1E

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

#### CS-1F

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

## CS-3A

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

# CS-3B

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

# CS-3C

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

## CS-3D

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Discrete Structures  1 Usman Ghous		Discrete Structures  1 Usman Ghous		Data Structures 1 Muhammad Usman Joyia	
Tuesday		Differential Equations 1 Muhammad Waqas Javed				
Wednesday			Data Structures - Lab 1 Saba Aslam	L U N C H	Data Structures - Lab 1 Saba Aslam	
Thursday	Computer Orgnaization and Assembly Language - Lab  1 Ali Raza		Data Structures 1 Muhammad Usman Joyia		Marketing Management 1 Syed Zeeshan Haider	
Friday					Marketing Management 1 Syed Zeeshan Haider	Differential Equations 1 Muhammad Waqas Javed

## CS-3E

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	
Tuesday					Differential Equations 1 Hayat Ali	
Wednesday		Finance & Accounting 1 Agha Mureed Ahmad Khan		L U N C H	Differential Equations 1 Hayat Ali	
Thursday						
Friday						

#### CS-5A

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

## CS-5B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Marketing Management 1 Hafiz M.Zeeshan Raza	Theory of Automata  1 Anmol Bilal			Computer Networks Dr. Bilal Khan	1
Tuesday			Marketing Management 1 Hafiz M.Zeeshan Raza			
Wednesday			Computer Networks - Lab 1 Ayesha Liaqat	L U N C H	Computer Networks - Lab 1 Ayesha Liaqat	
Thursday	Theory of Automata 1 Anmol Bilal		Web Programming  1  Muhammad Shahrose Khan		Web Programming  1  Muhammad Shahrose Khan	
Friday			Software Design and Analysis 1 Dr. Muhammad Bilal			Software Design and Analysis 1 Dr. Muhammad Bilal

## CS-5C

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

## **CS-5D**

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

## CS-5E

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

#### CS-7A

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

## CS-7B

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

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

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Professional Practices in IT 1 Masood Habib				
Tuesday	1		Information Security 1 Dr. Irfan ul Haq			
Wednesday				L U N C H		
Thursday	Software for Mobile Devices - Lab  Tahir Farooq					Information Security  1 Dr. Irfan ul Haq
Friday	Professional Practices in IT 1 Masood Habib					

#### **CS-7D**

Day/Peri od	I	II	ш	1:15-1:45	IV	v
Monday	Professional Practices in IT 1 Tehreem Aslam	Information Security  1 Dr. Muhammad Umar Aftab			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			Applied Machine Learning 1 Dr. Hashim Yasin	L U N C H		
Thursday						
Friday						Applied Machine Learning 1 Dr. Hashim Yasin

## CS-7E

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Professional Practices in IT 1 Tehreem Aslam					Software Testing  1 Dr. Uzair Iqbal
Tuesday	Fundamentals of Software Project Management 1 Dr. Muhammad Bilal					
Wednesday	Information Security  Dr. Muhammad Umar Aftal	1		L U N C H	Software Testing 1 Dr. Uzair Iqbal	Fundamentals of Software Project Management 1 Dr. Muhammad Bilal
Thursday	Professional Practices in IT 1 Tehreem Aslam					
Friday						

## CS-7F

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

## CS-9A

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday						Computer Architecture  1  Muhammad Usman Joyia
Tuesday	Software for Mobile Devices - Lab  No-Teacher					
Wednesday				L U N C H		
Thursday						
Friday	Computer Architecture  1  Muhammad Usman Joyia					

#### 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  1  Sadia Ashfaq		English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq	English Composition and Comprehension 1 Farah Iqbal
Tuesday	Programming Fundamentals 1 Sumaira Mustafa					Calculus and Analytical Geometry 1 Bushra Niaz
Wednesday	Programming Fundamentals - Lab  Sumaira Mustafa		Pakistan Studies 1 Asma Yaqoob	L U N C H	English Composition and Comprehension 1 Sadia Ashfaq	Applied Physics  1 Waheed Ahmad
Thursday	Introduction to Information and Communication Technology - Lab 1 Umar Naseer					Calculus and Analytical Geometry 1 Bushra Niaz
Friday		Programming Fundamentals 1 Sumaira Mustafa			Applied Physics 1 Waheed Ahmad	Pakistan Studies 1 Asma Yaqoob

#### SE-1B

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

## SE-3A

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

## SE-3B

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

#### SE-5A

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

## SE-5B

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