CS-1A

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

CS-1B

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

CS-1C

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

CS-1D

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

CS-1E

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

CS-1F

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

CS-3A

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

CS-3B

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

CS-3C

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

CS-3D

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

CS-3E

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

CS-5A

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

CS-5B

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

CS-5C

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

CS-5D

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

CS-5E

Day/Period	ī	11	ш	1:15-1:45	IV	v
Monday		Theory of Automata 1 Numan Shafi			Theory of Automata 1 Numan Shafi	Database Systems 1 Aliza Saced
Tuesday	Design and Analysis of Algorithms 1 Shoaib Saleem		Database Systems 1 Aliza Saced			
Wednesday		Operating Systems - Lab Muhammad Yousaf	1	L U N C H		
Thursday			Database Systems - Lab 1 Muhammad Shahrose Khan		Database Systems - Lab 1 Muhammad Shahrose Khan	
Friday		Psychology 1 Aisha Bano	Design and Analysis of Algorithms 1 Shoaib Saleem		Psychology 1 Aisha Bano	

CS-7A

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

CS-7B

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

CS-7C

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday		Professional Practices in IT 1 Masood Habib			Applied Machine Learning 1 Dr. Hashim Yasin	Information Security 1 Dr. Irfan ul Haq
Tuesday	Applied Machine Learning 1 Dr. Hashim Yasin	Software for Mobile Devices - Lab 1 Tahir Farooq				
Wednesday				L U N C H		
Thursday						
Friday		Information Security 1 Dr. Irfan ul Haq	Professional Practices in IT 1 Masood Habib			

CS-7D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			Professional Practices in IT 1 Tehreem Aslam		Information Security Dr. Muhammad Umar Aftal	1 5
Tuesday			Applied Machine Learning 1 Dr. Hashim Yasin		Professional Practices in IT 1 Tehreem Aslam	
Wednesday			Software for Mobile Devices - Lab 1 Tahir Farooq	L U N C H	Software for Mobile Devices - Lab 1 Tahir Farooq	
Thursday						
Friday		Applied Machine Learning 1 Dr. Hashim Yasin				

CS-7E

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

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		Software Testing 1 Dr. Uzair Iqbal
Thursday						Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz
Friday					Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz	

CS-9A

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

SE-1A

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

SE-1B

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

SE-3A

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

SE-3B

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

SE-5A

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

SE-5B

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