

## Annexure I

### Faculty Strength

	Name	PEC Reg. No.	Designation	Joining Date	Details of Qualifications			Specialization	Experience Teaching (Total) Years	Dedicated/ Shared	Work Load BS
					Degree	Year	Institution				
1	Engr. Prof. Abdul Mutalib	Elect/1222	Professor & Head of Department	01/09/2013	MS	1992	U.K	Electrical Engineering	39 Years 5 Months	Dedicated	6 Hours
					BS	1975	UET Peshawar				
2	Engr. Prof. Abdul Qahar Khalil	Elect/179	Professor	16/03/2006	Msc	1969	UK	Electrical Engineering	46 Years 5 Months	Dedicated	3 Hours
					BSc	1965	Peshawar University	Electrical Engineering			
3	Engr. Prof. Dr. Iftikhar Ahmad Khan	Elect/ 2861	Professor	19/10/2015	PhD	1986	University of Colorado, Boulder, USA	Electrical Engineering	15 Years 5 Months	Dedicated	6 Hours
					MS	1983	University of Colorado, Boulder, USA				
					BS	1979	U.O.Peshawar, Pakistan				
4	Engr. Dr. Amjad Ali	ELECT/1854 3	Professor	1/09/2014	PhD	2012	BUPT China	Electrical Engineering	12 years	Dedicated	12 Hours
					MS	2006	UET Peshawar				
					BS	2002	UET Peshawar				
5	Engr. Dr. Javed Iqbal	COMP/3512	Assistant Professor	1/2/2010	PhD	2015	Politecnico Di Torino, Italy	Wireless Communication and Networks	11 years	Dedicated	6 Hours
					MS	2009	Blekinge University, SWEDEN				
					BSc	2005	UET Peshawar				
6	Engr. Dr. Mehmood Khan	Elect/24695	Assistant Professor	15/05/17	PhD	2017	Politecnico Di Torino, Italy	Electrical Power Engg.	3 Years 10 Months	Dedicated	6 Hours
					MS	2011	UniSA, Australia				

					BSc	2008	UET Peshawar				
7	Engr. Dr. Obaid ur Rehman	Elect/19468	Assistant Professor	11/5/2009	PhD	2018	Zhejiang University, China	Electrical Engineering	12 Years	Dedicated	6 Hours
					MS	2006	University of Liverpool, UK				
					BSc	2003	UET, Peshawar				
8	Engr. Hashmat Khan	Electro/5914	Assistant Professor	17/08/2009	MS	2004	UET Peshawar	Electrical Engineering	13 years	Dedicated	6 Hours
					BSc	2001	NED, Karachi				
9	Engr. Anees Ur Rehman	Elect/ 24788	Assistant Professor	17/10/2009	PhD	inprogress	SUIT, Peshawar, Pak	Electrical Engineering	9 years 4 Months	Dedicated	6 Hours
					MS	2013	UET Peshawar				
					BSc	2008	UET Peshawar				
10	Engr. Shahid Alam	Elect/19241	Assistant Professor	17/10/2007	MS	2007	UET Peshawar	Electrical Engineering	11 years 5 months	Dedicated	6 Hours
					BSc	2002	UET Peshawar				
11	Engr. Muhammad Ayman	ELECT/3263 4	Lecturer	3/1/2015	PhD	In-Progress	SUIT-Peshawar	Communication & Networks	3 Years	Dedicated	6 Hours
					MS	2013	University of Salford, UK				
					BSc	2011	UET Peshawar				
12	Engr. Muhammad Fahim	Elect/22208	Lecturer	10/5/2010	M.Sc	2015	Sarhad University	Electrical Power Engg.	11 Years 10 Months	Dedicated	6 Hours
					B.Sc	2006	UET Peshawar	Electrical Engineering			
					Adv.Dip	2013	Australia	Electrical Power			
13	Engr Muhammad Iqbal Khan Khalil	Elect/25483	Lecturer/Co-ordinator	18/10/2009	M.Sc.	2016	Sarhad University	Electronics & Communication	10 Years 4 months	Dedicated	4 Hours
					B.Sc.	2008	UET Peshawar	Electrical Engineering			
					Adv. Dip	2013	Sydney, Australia	Telecom Networks			

14	Engr. Saleh Lutfullah Kakakhel	Elect/23026	Lecturer	17/10/2007	PhD inprogress		SUIT, Peshawar, Pak	Electrical Engineering	11 years 4 months	Dedicated	12 Hours	
					MS	2015	SUIT, Peshawar, Pak					
					BSc	2007	UET Peshawar					
15	Engr. Iftikhar Khan	Electro/13463	Lab. Engineer	3/10/2011	M.Sc	2015	CECOS University Peshawar	Electrical Communication Engg.	7 Years, 4 Months	Dedicated	8 Hours	
					B.Sc	2010	UET Peshawar					Electronics Engg.
16	Engr. Faizan Ullah	Elect / 31682	Lab-Engineer	18/10/2012	M.Sc.	2015	SUIT Peshawar	Electrical Power Engg.	6 Years 4 Months	Dedicated	18 Hours	
					B.Sc.	2011	CECOS University Peshawar					Electrical Engineering
17	Engr. Noman Muslim	Elect/33621	Lab-Engineer	15/10/2012	PhD	In-Progress	SUIT-Peshawar	Communication Engineering	6 Years 4 Months	Dedicated	18 Hours	
					MS	2015	SUIT-Peshawar					
					BE	2011	SUIT-Peshawar					
18	Engr. Suliman Khan	Elect/37875	Lab-Engineer	25/4/2015	M.Sc.	2016	SUIT Peshawar	Electrical Engineering	3 years 9 Months	Dedicated	18 Hours	
					B.Sc.	2013	Comsats (Abbottabad)					Electrical Engineering
19	Engr. Syed Dildar Hussain Shah	Elect/37155	Lab Engineer	1/4/2014	PhD	In progress	Sarhad University	Electrical Engineering	2 years	Dedicated	18 Hours	
					Msc	2015	Sarhad University					Electrical Engineering
					BSc	2010	UET, Peshawar					Electrical Engineering
20	Mr. Tariq Abbas	N/A	Assistant Professor	16/01/2006	PhD	InProgress	Islamia College University Peshawar	Mathematics	21 years	Dedicated	6 Hours	
					MS	2013	Islamia College University Peshawar					
					BSc	1992	Gomal University DI Khan					

21	Miss Asimah Samad	N/A	Lecturer	1/8/2011	M.Phil	2018	Islamia College University Peshawar	Linguistics	4 years	Dedicated	8 Hours
					M.PA	2010	Peshawar University	HR			
					M.A	2008	Peshawar University	Literature			
22	Mr.Muhammad Tahir Atiq	N/A	Assistant Professor	13/3/2017	M. Phil	1980	University of Punjab	Physics	36 Years	Dedicated	9 Hours
					M.Sc.	1977	University of Punjab	Physics			
					B.Sc.	1974	Peshawar University	Physics			
23	Mr. Azhar Ali	N/A	Lecturer	17/09/2011	PhD	In Progress	Islamia College University Peshawar	Mathematics	11 years	Dedicated	6 Hours
					MS	2001	Gomal University DI Khan				
					BSc	1998	Mardan College Mardan				

**FACULTY ON LEAVE**

S.No	Name	PEC Reg. No.	Designation	Joining Date	Details of Qualifications			Specialization	Experience Teaching (Total) Years	Status
					Degree	Year	Institution			
1	Engr. Dr. Umar Farooq	Elect/3326	Professor	Mar, 11	PhD	2008	UET Taxila	Electrical	38 Years	Leave
2	Engr. Dr. Muhammad Amin	Tele/5253	Assistant Professor	May, 14	PhD	2014	KUAST Saudi Arabia	Telecommunication	7 Months	Leave
3	Engr. Muhammad Aamir	Elec/20252	Assistant Professor	11-Jan	MSc Engg	2009	UET Peshawar	Electrical	10 Years	Leave
5	Engr. Dr. Abdul Bais	Elect/16017	Associate Professor	Jan-09	PhD	2007	Austria	Electrical Engg	3 Years	Leave
6	Engr. Riaz-Ud-Din	Com/4926	Asstt. Prof	Apr-07	BSc Engg	2005	UET Peshawar	Computer Information System Engg.	4 Years	Study Leave
					MSc Engg	2006	Glasgow Caledonian Univ.UK	Wireless Communication		
7	Engr. Sultan Daud Khan	Comp/3303	Lecturer	Jan-10	MSc Engg	2010	Hanyang University (S.Korea)	Electronics & Communication	3 Years	Study Leave
					BSc Engg	2005	UET Peshawar			
8	Engr. Arsalan Arif	Elect/21938	Asstt. Prof	Mar-10	MSc. Engg	2010	Hanyang University (S.Korea)	Electrical Engg.	5 Years	Study Leave
					BSc. Engg	2006	UET Peshawar			
9	Engr. Naveed Khan	Elect / 24597	Lecturer	Jan-09	MSc. Engg In progress	2008	UET Peshawar	Electrical Engg	3 Years	Study Leave
					BSc. Engg					
10	Engr. Zeeshan Akbar	Comp/4313	Assistant Professor	Feb-10	MSc.	2009	BTH, Sweden	Electrical Engineering	8 years	Study Leave
					BSc.	2006	Comsats (Abbottabad)	Computer System		

11	Engr.M.Faheem Siddique	Elect/28402	Lecturer	Oct-12	M.Sc.	2012	Hochschule Bermen Germany	Electrical Engineering	4 Years	Study Leave
					B.Sc.	2010	CECOS University Peshawar	Electrical Engineering		

**List of Visiting /Shared Faculty**

Name	PEC #	Designation	Details of Qualifications			Specialization	Department / Organization	Loading (Hours)	
			Degree	Year	Institution			MS	BS
Engr. Abdul Basit	Civil/36125	Lecturer	MS	2017	CECOS Univ	Civil Engg	Dept. of Mech. Engg		3 Hours
			BS	2013	Uet Peshawar	Civil Engg			
Prof. Jalal Shah	N/A	Professor	M.A	1969	Pesh Uni	Islamiyat	Dept. of Civil. Engg		4 Hours
			B.Ed	1970	Pesh Uni				
Engr. Iftikhar Khan	Electro/13463	Lab. Engineer	M.Sc	2015	CECOS University Peshawar	Electrical Communication Engg.	Dept. of Mechanical Engg		8 Hours
			B.Sc	2010	UET Peshawar	Electronics Engg.			
Miss Asimah Samad	N/A	Lecturer	M.Phil	2018	Islamia College Peshawar	Linguistics	Dept. of Mechanical Engg		6 Hours
			M.PA	2010	Peshawar University	HR			
			M.A	2008	Peshawar University	Literature			
Mr. Azhar Ali	N/A	Lecturer	PhD	In Progress	Islamia College Peshawar	Mathematics	Dept. of Management Sciences		6 Hours
			MS	2001	Gomal University D.I.Khan				
			BSc	1998	Mardan College Mardan				

Engr. Farhan Arif	Elect/43922	Lab-Engineer	M.Sc.	In progress	Fast Peshawar	Electrical Engineering	Dept. of Technology		
			B.Sc.	2014	Fast Peshawar	Electrical Engineering			
Engr. Mohsin Iqbal	ELECT/32103	Lecturer	PhD	In-Progress	SUIT Peshawar	Electrical Power Engg.	Dept. of Technology		
			MS	2015	SUIT Peshawar				
			BSc	2010	UET Peshawar				

**List of Full-Time Lab. Engineers/Teaching Assistants**

Sr. No.	Name	PEC #	Designation	Details of Qualifications			Specialization	Joining Date	Labs Conducted (Contact Hours)	
				Degree	Year	Institution			Current Semester	Last Semester
1	Engr. Iftikhar Khan	Electro / 13463	Lab. Engr.	Msc. Engg	2015	CECOS, Peshawar	Electrical Comm Engg	Oct-11	16 Hours	18 Hours
				B.Sc. Engg	2010	UET Peshawar	Electrical Engg			
2	Engr. Syed Dildar Hussain Shah	Elec/37155	Lab. Engr.	Msc. Engg	2015	SUIT Peshawar	Electrical Power Engg	Apr-14	18 Hours	18 Hours
				B.Sc. Engg	2010	Uet Peshawar	Electrical Engg			
3	Engr. Noman Muslim	Elect/33621	Lab. Engr.	Msc. Engg	2015	SUIT Peshawar	Electrical Power Engg	Oct-12	18 Hours	18 Hours
				B.Sc. Engg	2011	SUIT Peshawar	Electrical Engg			
4	Engr. Suliman Khan	Elect/37875	Lab. Engr.	Msc. Engg	2016	SUIT Peshawar	Electrical Power Engg	Apr-15	18 Hours	18 Hours
				Bsc. Engg	2013	Comsats Abbottabad	Electrical Power Engg			
5	Engr. Faizan Ullah	Elect / 31682	Lab. Engr.	Msc. Engg	2015	SUIT Peshawar	Electrical Power Engg	Oct-12	18 Hours	18 Hours
				B.Sc. Engg	2011	CECOS, Peshawar	Electrical Engg			

## Annexure J

## Faculty Summary

### Present Scenario

	Faculty teaching Engineering Subjects			Faculty teaching Non-Engineering Subjects		
	BSc	MSc	PhD	BSc	MSc	PhD
Dedicated Faculty (Departmental)	0	19	5		4	2
Shared Faculty (Departmental)					2	
Shared Faculty (from other Departments)		2			1	
Visiting Faculty						

### Number of New Faculty members inducted in the program since last PEC Visit

BSc	0
MSc	0
PhD	1

### Scenario at the time of Last PEC Visit

	Faculty teaching Engineering Subjects			Faculty teaching Non-Engineering Subjects		
	BSc	MSc	PhD	BSc	MSc	PhD
Dedicated Faculty (Departmental)	11	19	5		4	

### Number of Faculty members who left the program since last PEC Visit.

BSc	0
MSc	14 ( on PhD Leave)
PhD	1

<b>Shared Faculty (Departmental)</b>	1	1			4	
<b>Shared Faculty (from other Departments)</b>		2			1	
<b>Visiting Faculty</b>						

## **Annexure K**

### **Faculty Workload Fall 2018**

List the faculty members in the same sequence as listed in *Faculty Strength* sheet

Sr.No.	Name	Degree Level	Current Semester Loading			Last Semester Loading		
			Credit Hours		Course Titles	Credit Hours		Course Titles
			Theory	Practical		Theory	Practical	
1	Engr. Prof. Abdul Mutalib	BS	6	1	Power System Analysis	9	1	Power System Protection
		MS/PhD						
2	Engr. Prof. Abdul Qahar Khalil	BS	3	1	Electrical Machines	6	1	Advanced Electrical Machines
		MS/PhD						
3	Engr. Prof. Dr. Iftikhar Ahmad Khan	BS	6	1	Power Electronics	6	1	Linear Control Systems
		MS/PhD						
4	Engr. Dr. Amjad Ali	BS	12	1	i) Intro to Computing, ii) Data Structures & Algorithms	0	0	
		MS/PhD	3	0	Solid State Electronics			
5	Engr. Dr. Javed Iqbal	BS	6	1	Communication Systems	3	0	Mobile Communication
		MS/PhD	11	0	i) Wireless Networks ii) Research Methodology iii) Modeling & Simulation for Power System Components iv) Performance Modeling & Simulation	8	0	i) Research Methodology, ii) Performance Modeling & Simulation iii) Advanced System Modeling & Simulation
6	Engr. Dr. Mahmood Khan	BS	6	1	Instrumentation & Measurement	6	0	Power Distribution & Utilization

		<b>MS/PhD</b>	9	0	i) Power System Engg, ii) Magnetic Measurements & Electrical Machines, iii) Power System Protection	9	0	i) Power System Engg, ii) Power System Protection
7	Engr. Dr. Obaid ur Rehman	<b>BS</b>	6	1	Microprocessor Systems	4	1	Programming Fundamentals
		<b>MS/PhD</b>	5	0	i) Optimization Techniques in Engg ii) Research Methodology	3	0	Advanced Data Communication
8	Engr. Hashmat Khan	<b>BS</b>	6	0	Introduction to Power	6	1	Electrical Power Transmission
9	Engr. Anees Ur Reman	<b>BS</b>	6	1	Electrical Network Analysis	6	1	Signals & Systems
		<b>MS/PhD</b>	3	0	High Voltage Engineering	3	0	High Voltage Engineering
10	Engr. Shahid Alam	<b>BS</b>	6	0	Engg. Economics & Management	8	0	Professional Ethics
		<b>MS/PhD</b>						
11	Engr. Muhammad Ayman	<b>BS</b>	6	0	Electromagnetic Field Theory	6	0	Probability Methods
		<b>MS/PhD</b>	3	0	Energy Management			
12	Engr. Muhammad Fahim	<b>BS</b>	6	0	Linear Circuit Analysis	9	0	Power Generation
13	Engr. M. Iqbal	<b>BS</b>	4	1	Workshop	6	1	Communication Systems (CSIT Dptt)
		<b>MS/PhD</b>	3	0	Alternative Energy Resources	3	0	Advanced Optical Communication
14	Engr. Saleh Lutfullah Kakakhel	<b>BS</b>	0	12	i) Intro to Computing, ii) Linear Circuit Analysis	0	6	Digital Logic Design
15	Engr. Iftikhar Khan	<b>BS</b>	0	8	Data Structures & Algorithms	0	6	Electical Engineering (Mech Deptt)
16	Engr. Faizan Ullah	<b>BS</b>	0	18	i) Workshop Practice, ii) Power Electronics	0	18	i) Advanced Electrical Machines (Sec-B), ii) Linear Control Systems
17	Engr. Noman Muslim	<b>BS</b>	0	18	i) Microprocessor Systems, ii) Electrical Network Analysis	0	12	i) Programming Fundamentals, ii) Signals and System
18	Engr. Suliman Khan	<b>BS</b>	0	18	i) Electrical Machines, ii) Power System Analysis	0	12	Power System Protection

19	Engr. Syed Dildar Hussain Shah	BS	0	18	i) Communication Systems, ii) Instrumentation & Measurements	0	18	i) Advanced Electrical Machines (Sec-A), ii) Electrical Power Transmission,
20	Mr. Tariq Abbas	BS	6	0	Differential Equations	6	0	Applied Linear Algebra
21	Mr. M. Tahir Atiq	BS	6	3	Electricity & Magnetism	2	1	Applied Physics
22	Miss Asimah Samad	BS	8	0	Technical Report Writing	8	0	i) Communication & Presentation Skills, ii) Functional English
23	Mr. Azhar Ali	BS	6	0	Calculus	6	0	Numerical Analysis

## Annexure K

### Faculty Workload Spring 2019

List the faculty members in the same sequence as listed in *Faculty Strength* sheet

Sr.No.	Name	Degree Level	Current Semester Loading			Last Semester Loading		
			Credit Hours		Course Titles	Credit Hours		Course Titles
			Theory	Practical		Theory	Practical	
1	Engr. Prof. Abdul Mutalib	BS	6	1	Power System Protection	6	1	Power System Analysis
		MS/PhD						
2	Engr. Prof. Abdul Qahar Khalil	BS	6	1	Advanced Electrical Machines	3	1	Electrical Machines
		MS/PhD						
3	Engr. Prof. Dr. Iftikhar Ahmad Khan	BS	6	1	Linear Control Systems	6	1	Power Electronics
		MS/PhD						
4	Engr. Dr. Amjad Ali	BS	4	1	Electronics Devices & Circuits	12	0	i) Intro to Computing, ii) Data Structures & Algorithms
		MS/PhD	3	0	Adv. Digital Signal Processing			Solid State Electronics

5	Engr. Dr. Javed Iqbal	<b>BS</b>	3	1	Signal and Systems	6	0	Communication Systems
		<b>MS/PhD</b>	9	0	i) Wireless Networks ii) Modeling and Simulation for Power System Components iii) Adv. Communication Systems	8	0	i) Research Methodology, ii) Performance Modeling & Simulation iii) Advanced System Modeling & Simulation
6	Engr. Dr. Mahmood Khan	<b>BS</b>	6	1	Power Generation & Utilization	6	0	Instrumentation & Measurement
		<b>MS/PhD</b>	6	0	i) Power System Engg, iii) Power System Protection	9	0	i) Power System Engg, ii) Power System Protection
7	Engr. Dr. Obaid ur Rehman	<b>BS</b>	2	1	Programming Fundamentals	6	1	Microprocessor Systems
		<b>MS/PhD</b>	5	0	i) Adv. Electronic Devices ii) Research Methodology	3	0	Advanced Data Communication
8	Engr. Hashmat Khan	<b>BS</b>	6	0	Power Generation	6	1	Introduction to Power
9	Engr. Anees Ur Reman	<b>BS</b>	6	1	Renewable Energy System	6	1	Electrical Network Analysis
		<b>MS/PhD</b>	3	0	High Voltage Engineering	3	0	High Voltage Engineering
10	Engr. Shahid Alam	<b>BS</b>	2	0	Professional Ethics	6	0	Engg. Economics & Management
		<b>MS/PhD</b>						
11	Engr. Muhammad Ayman	<b>BS</b>	6	0	Probability Methods in Engineering	6	0	Electromagnetic Field Theory
		<b>MS/PhD</b>	3	0	Energy Management			
12	Engr. Muhammad Fahim	<b>BS</b>	3	0	DLD	6	0	Linear Circuit Analysis
13	Engr. Muhammad Iqbal	<b>BS</b>	3	1	Electrical machines	4	1	Workshop practice
		<b>MS/PhD</b>	3	0	Alternative Energy Resources	3	0	Advanced Optical Communication
14	Engr. Saleh Lutfullah Kakakhel	<b>BS</b>	6	12	i) Advance Electrical Machines	0	6	i) Intro to Computing, ii) Linear Circuit Analysis
15	Engr. Iftikhar Khan	<b>BS</b>	0	8	Programming Fundamentals	0	6	Data Structures & Algorithms

16	Engr.Faizan Ullah	<b>BS</b>	0	18	i)Linear Control Systems ii) Power Electronics LAB	0	18	i) Workshop Practice, ii) Power Electronics
17	Engr.Noman Muslim	<b>BS</b>	0	6	Signals and Systems	0	12	i) Microprocessor Systems, ii) Electrical Network Analysis
18	Engr. Suliman Khan	<b>BS</b>	0	18	Power System Protection	0	12	i) Electrical Machines, ii) Power System Analysis
19	Engr. Syed Dildar Hussain Shah	<b>BS</b>	0	5	i) Advanced Electrical Machines (Sec-A), ii) Electrical Power Transmission,	0	18	i) Communication Systems, ii) Instrumentation & Measurements
20	Mr. Tariq Abbas	<b>BS</b>	6	0	i) Applied Linear Algebra ii) Complex Variable & Transform	6	0	Differential Equations
21	Mr. M. Tahir Atiq	<b>BS</b>	6	3	Applied Physics	2	1	Electricity & Magnetism
22	Miss Asimah Samad	<b>BS</b>	6	0	i) Communication & Presentation Skills, ii) Functional English	8	0	Technical Report Writing
23	Mr. Azhar Ali	<b>BS</b>	3	0	Numerical Analysis	6	0	Calculus