

ENGINEERING PROGRAM DATA

Please provide following tabulated data (program-wise) as per given format:

Table-I: ACCREDITATION STATUS (PROGRAM-WISE)

S#	Program Title	Accreditation of Intake Batches (Intake from-to)	Green Signal Zero/Interim Visits (Intake from-to)
1	B.Sc Electronics Engineering	Upto Batch 20	

Table-II: STUDENT SUMMARY (PROGRAM-WISE)

Name of Engineering Program: B.Sc Electronic Engineering

Study Year	Batch/Enrolment Year	No. of Students	No. of Sections
1st Year	24 / Fall 2014	83	2
2nd Year	23 / Fall 2013	64	2
3rd Year	22 / Fall 2012	77	2
4th Year	21 / Fall 2011	79	2
Total		303	8

Table-III: FACULTY SUMMARY (PROGRAM-WISE)

Name of Engineering Program: B.Sc Electronic Engineering

	Faculty teaching Engineering Subjects				Faculty teaching Non-Engineering Subjects			
	BSc	MSc	PhD	TOTAL	BSc	MSc	PhD	TOTAL
Program Faculty (Dedicated)	13	7	6	26				
Program Faculty (shared with other programs)								
Shared Faculty (from other programs)		2	1	3			3	3
Visiting Engg. Faculty (from Industry, or other university)								

Table-IV: STUDENT : TEACHER RATIO (PROGRAM-WISE)

Name of Engineering Program: B.Sc Electronic Engineering

A. Total students currently enrolled in the Engineering Program	303
B. Total full-time dedicated Engineering faculty members	16
Student : Teacher Ratio [A:B]	[19 : 1]

Table-V: FACULTY DETAILS RATIO (PROGRAM-WISE)Name of Engineering Program: B.Sc Electronic EngineeringList of Full-Time Departmental Teaching Faculty, sorted by Designation

	Name	PEC #	Designation	Joining Date	Details of Qualifications			Specialization	Experience Teaching (Total) Years	Dedicated / Shared
					Degree	Year	Institution			
1	Dr. Nisar Ahmad	Elect/8100	Professor and Dean	26-6-2000	Ph.D.	1999	Imperial College, University of London, UK	Control systems	12	Dedicated
2	Dr. Khasan Karimov	-	Professor	14-08-2000	Ph.D.	1982	Ioffe Physico-Tech Institute (St. Peterburg, Russia)	Physics of Organic Semiconductors and Devices	18(34)	Dedicated
					D.S	1994	Academy of Sciences, Uzbekestis	Physics of Organic Solids and Devices		
3	Dr. Adnan Noor	Elect/5890	Assistant Professor	Nov-10	Ph.D.	2010	Univ. of Manchester, UK	Communication	2(2)	Dedicated
4	Dr. Muhammad Faisal Khan	Elect/19027	Assistant Professor	28-07-2011	Ph.D.	2011	GIK Institute	Electronics Electromagnetics	1(3)	Dedicated
5	Dr. Husnul Maab	-	Assistant Professor	22-08-2005	Ph.D.	2012	Quaid-e-Azam Univ, Islamabad	Microwave Engineering	6(7)	Dedicated
6	Dr. Ziaul Haq Abbas	-	Assistant Professor	24-08-2002	Ph.D.	2012	University of Agder, Norway	Wireless Communication and Networks	8(8)	Dedicated
7	Mr. M. Ali Ghias	Elect/14432	Research Associate	6/6/2007	MS	2007	GIK Institute	Renewable Energy	5(11)	Dedicated

8	Mr. Mazhar Javed	-	Research Associate	7/1/2008	M.Phil	2004	Quaid-e-Azam Univ, Islamabad	Cryptography	4(6)	Dedicated
9	Mr. Attiq ur Rehman	Elect/28011	Research Associate	20/08/2013	MS	2013	RWTH, Achen, Germany	Electrical Engg.	1(1)	Dedicated
10	Mr. Salman Khan	Elect/30150	Research Associate	20/08/2013	MS	2013	GIK Institute	Communication	1(1)	Dedicated
11	Mr. M. Mehran Bashir	Elect/33902	Research Associate	20/08/2013	MS	2013	GIK Institute	Electronics	1(1)	Dedicated
12	Mr. Abdul Basit Zia	Applied for	Research Associate	21/08/2014	MS	2014	Uni. of Malaya	Industrial Electronics & Control	1(1)	Dedicated
13	Mr. Muhammad Ahsan Saeed	Electro/14030	Research Associate	5/9/2014	MS	2014	GIK Institute	Electronics	2(2)	Dedicated

Shared/Visiting Faculty

	Name	PEC #	Designation	Details of Qualifications			Specialization	Department / Organization	
				Degree	Year	Institution			
1	Mr. Sheharyar Pervez	Electro/8149	Research Associate	BS (GIKI), MS	2009	Indiana Univ. USA	Physics	Faculty of Engineering Sciences	Shared
2	Dr. Ghulam Shabbir	--	Professor	Ph.D.	2001	Aberdeen	General Relativity	Faculty of Engineering Sciences	Shared
3	Dr. Sirajul Haq	--	Associate Professor	Ph.D.	2004	Liverpool	Numerical Analysis	Faculty of Engineering Sciences	Shared
4	Mr. Shahabuddin Ansari	Electro/1928	Research Associate	MSc.	2005	McMaster University	Speech Enhancement in Hearing Aids	Faculty of Computer Sciences	Shared
5	Dr. Fida Mohammad	--	Associate Professor	Ph.D	1993	University of California, Davis (US)	Reaction dynamics and its application to atmospheric chemistry	Faculty of Materials Science and Engineering	Shared
6	Dr. Roman Zaib	Applied for	Assitant Professor	Ph.D	2014	Politecnico di Torino, Italy	Energy	Faculty of Materials Science and Engineering	Shared

List of Full-Time Lab. Engineers/Teaching Assistants

	Name	PEC #	Designation	Details of Qualifications			Specialization	Joining Date	Current Semester
				Degree	Year	Institution			
1	M. Salman	Applied for	Lab. Engr.	BS	2013	GIKI	Electronics	Aug. 2013	Logic Design (1)
2	Junaid Bin Masood	Applied for	Lab. Engr.	BS	2014	GIKI	Electronics	Aug. 2014	Waves Propagation and Antenna Systems (1)
3	Inzamam Anwar	Applied for	Lab. Engr.	BS	2014	GIKI	Electronics	Aug. 2014	Microprocessor Interfacing (1)
4	Assad Khaliq	Applied for	Lab. Engr.	BS	2014	GIKI	Electronics	Aug. 2014	Signals and Sytems (1)
5	Zain-ul-abideen	Applied for	Lab. Engr.	BS	2014	GIKI	Electronics	Aug. 2014	Electric Machines (1)
6	Abullah Nisar	Applied for	Lab. Engr.	BS	2014	GIKI	Electronics	Aug. 2014	Circuit Analysis I (1)

Table-VI: LABORATORY DETAILS (PROGRAM-WISE)Name of Engineering Program: B.Sc Electronic Engineering

Number of Total Engineering+Computing Courses: 36

Number of Lab Courses: 13

Number of Laboratories: 14

Sr. No.	Name of Laboratory (Staff Names--Qualifications)	Lab(s) of Course(s) Conducted in the Lab.	Type(s) of Workstations	Nature of Experiments	No. of workstations
1	Logic Design Lab Muhammad Salman (Lab Engr.) Mr. Ayaz (Lab Attend.)	Logic Design	Workbenches, each with Power-supply, Signal Generator, Oscilloscope, Multimeter, Breadboard, Components (20 each)	Hands-on	2
2	Microcontroller Interfacing Lab Inzamam UI Haq (Lab Engr.) Mr. Javaid(Lab Attend.)	Microprocessor Interfacing	Trainers(30), Burners(35), Computers(25), Microcontrollers.	Hands-on	2
3	Circuit Analysis-I Lab Abullah Nisar (Lab Engr.) Mr. Arshad (Lab Attend.)	Circuit Analysis-I	Workbenches, each with Power-supply, Signal Generator, Oscilloscope, Multimeter (20 each)	Hands-on	2
4	Electric Machines Lab Zain UI Abideen (Lab Engr.), Gul Hanif(Lab. Tech.)	Electric Machines	Power supplies, Motors, Tachometers, Transformers, (5 each)	Hands-on	5
5	Signals and Systems Lab Assad Khaliq (Lab Engr.)	Signals and Systems	Computers (30), DSP kits DSK_C6713 (12)	Hands-on	1
6	Wave Propagation and Antenna Design Lab Junaid Bin Masood (Lab Engineer),	Wave Propagation and Antennas	Spectrum Analyzer (1), TLD 541 (5), MWT (5)	Hands-on	5

7	Electronics-I Lab Muqueet (Lab Engr.), Zewar Ali (GA), Arshad (Lab Attend.)	Electronics-I	Workbenches, Signal Generator, Oscilloscope, Multimeter, Breadboard, Components (20 each)	Hands-on	2
8	Computer Architecture Lab Salman (Lab Engr.) Mr. Javaid (Lab Attend.)	Computer Architecture	Trainers, Burners, Computers, Microcontrollers (20 each)	Hands-on	2
9	Electronics-II Lab Sharjeed Javed (Lab Engr.) Mr. Arshad (Lab Attend.)	Electronics-II	Workbenches, each with Power-supply, Signal Generator, Oscilloscope, Multimeter, Breadboard, Components (20 each)	Hands-on	2
10	Control Systems Lab Atif Shehzad (Lab Engr.)	Control Systems	PLC Trainers PLC Modules Conveyor Belt module	Hands-on	5
11	Digital Signal Processing Lab Salman Khan (RA)	Digital Signal Processing	Computers, DSP kits DSK_C6713	Hands-on	1
12	Communication Systems Lab Khalid Rizwan (Lab Engr.)	Communication Systems	Spectrum Analyzer (4), Digital analog comm.setup (5) Digital analog biskit equipment (4)	Hands-on	5
13	ASIC Design Lab Lab Engineer is assigned upon the course offering	Introduction to ASIC Design	Computers, Microcontrollers	Hands-on	2
14	FYP Lab Mr. Mazhar Javed (RA, Lab Coordinator)	Dedicated for Final Year Projects	Computers, and the equipment required by each FYP group	Hands-on	4