

KAZI NAZRUL UNIVERSITY				FACULTY OF SCIENCE			DEGREE PROGRAMME: B.Sc. PROGRAM IN ELECTRONICS			WITH EFFECT FROM THE ACADEMIC SESSION: 2020-21							
Abbreviated Degree	Discipline	Abbreviated Degree Programme	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks	
											Practical	Theoretical	Practical	Theoretical			
BSCP	ELECTRONICS	BSCPCLC	I	Circuit Theory & Network Analysis	C	BSCPCLC101	CC-1(1)	4 - 0 - 4	6	22	30	10	20	40	100	150 + Marks of Disc.2 & Disc.3	
				Discipline 2: CC-1(1) of Other Discipline		See Pool	CC-2(1)	See Pool	6		See Pool				Marks of Disc.2 & Disc.3		
				Discipline 3: CC-1(1) of Other Discipline		See Pool	CC-3(1)	See Pool	6								
				Environment Studies	AE	AEE101	AECC-1	4 - 0 - 0	4			10		40	50		
			II	Solid State Electronics	C	BSCPCLC201	CC-1(2)	4 - 0 - 4	6	22	30	10	20	40	100	150 + Marks of Disc.2 & Disc.3	
				Discipline 2: CC-1(2) of Other Discipline		See Pool	CC-2(2)	See Pool	6		See Pool				Marks of Disc.2 & Disc.3		
				Discipline 3: CC-1(2) of Other Discipline		See Pool	CC-3(2)	See Pool	6								
				English/MIL Communication	AE	See Pool	AECC-2	4 - 0 - 0	4			10		40	50		
			III	Electronic Communication	C	BSCPCLC301	CC-1(3)	5 - 1 - 0	6	22		10		40	50	100 + Marks of Disc.2 & Disc.3	
				Discipline 2: CC-1(3) of Other Discipline		See Pool	CC-2(3)	See Pool	6		See Pool				Marks of Disc.2 & Disc.3		
				Discipline 3: CC-1(3) of Other Discipline		See Pool	CC-3(3)	See Pool	6								
				Design and Fabrication of Electronic Circuits	SE	BSCPCLCSE301	SEC-1	0 - 0 - 8	4		30		20		50		
			IV	Analog Electronics	C	BSCPCLC401	CC-1(4)	4 - 0 - 4	6	22	30	10	20	40	100	150 + Marks of Disc.2 & Disc.3	
				Discipline 2: CC-1(4) of Other Discipline		See Pool	CC-2(4)	See Pool	6		See Pool				Marks of Disc.2 & Disc.3		
				Discipline 3: CC-1(4) of Other Discipline		See Pool	CC-3(4)	See Pool	6								
				Household Wiring and Repairing of Domestic Appliances	SE	BSCPCLCSE401	SEC-2	0 - 0 - 8	4		30		20		50		
			V	Digital Electronics	(Any One)	BSCPCLDSE501	DSE	DSEC-1(1)	4 - 0 - 4	22	30	10	20	40	100	150 + Marks of DSEC	
				Optical Communication		BSCPCLDSE502			4 - 0 - 4		30	10	20	40	See Pool		Marks of DSEC chosen
				Discipline 2: DSE-1(1) of Other Discipline		See Pool			DSEC-2(2)		See Pool	6					
				Discipline 3: DSE-1(1) of Other Discipline	See Pool	DSEC-3(2)	See Pool	6									
			Electronics: Digital Circuit Design	SE	BSCPCLCSE501	SEC-3	0 - 0 - 8	4	30		20		50				
			VI	Radio and Television	(Any One)	BSCPCLDSE601	DSE	DSEC-1(2)	5 - 1 - 0	22		10		40	50	100 + Marks of DSEC	
				Measurements and Instrumentation		BSCPCLDSE602			5 - 1 - 0			10		40	See Pool		Marks of DSEC chosen
				Discipline 2: DSE-1(2) of Other Discipline		See Pool			DSEC-2(2)		See Pool	6					
Discipline 3: DSE-1(2) of Other Discipline	See Pool	DSEC-3(2)		See Pool	6												
Design and study of DC power supplies using Ics	SE	BSCPCLCSE601	SEC-4	0 - 0 - 8	4	30		20		50							
Total Credit and Marks										132	800 + Marks of Disc.2 & Disc.3 + Marks of DSEC						
Abbreviations: C= Core; CC=Core Course; AE= Ability Enhancement; AECC= Ability Enhancement Compulsary Course; GE= Generic Elective; GEC= Generic Elective Course; SE= Skill Enhancement; SEC= Skill Enhancement Course; DSE= Discipline Specific Elective; DSEC= Discipline Specific Elective Course; CA= Continuous Assessment, ESE= End Semester Examination, L= Lecture Hour; T= Tutorial Hour and P= Practical Hour/ Field Work and NA= Not Applicable																	
Discipline-2: Students of a particular Program Course will choose Discipline-2 of any other Discipline except of his/her own. For example, if a student opts for Program Course in Electronics then that student is required to opt Discipline-2 from Program Courses other than Electronics. Once Discipline-2 is chosen in the 1st Semester the student is to continue with the same in the remaining semesters.																	
Discipline-3: Students of a particular Program Course will choose Discipline-3 of any other Discipline except Discipline 1 and Discipline 2 already chosen. Once Discipline-3 is chosen in the 1st Semester the student is to continue with the same in the remaining semesters.																	
Semesterwise Pool of Core Courses offered by this Discipline (when treated as Discipline 2 for other Program Courses across the faculties as far as practicable)																	
Discipline-2		Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks		
ELECTRONICS		I	Circuit Theory & Network Analysis	C	BSCPCLC101	CC-2(1)	4 - 0 - 4	6	NA	30	10	20	40	100	NA		
		II	Solid State Electronics		BSCPCLC201	CC-2(2)	4 - 0 - 4	6		30	10	20	40	100			
		III	Electronic Communication		BSCPCLC301	CC-2(3)	5 - 1 - 0	6			10		40	50			
		IV	Analog Electronics		BSCPCLC401	CC-2(4)	4 - 0 - 4	6		30	10	20	40	100			
Semesterwise Pool of Core Courses offered by this Discipline (when treated as Discipline 3 for other Program Courses across the faculties as far as practicable)																	
Discipline-3		Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks		
ELECTRONICS		I	Circuit Theory & Network Analysis	C	BSCPCLC101	CC-3(1)	4 - 0 - 4	6	NA	30	10	20	40	100	NA		
		II	Solid State Electronics		BSCPCLC201	CC-3(2)	4 - 0 - 4	6		30	10	20	40	100			
		III	Electronic Communication		BSCPCLC301	CC-3(3)	5 - 1 - 0	6			10		40	50			
		IV	Analog Electronics		BSCPCLC401	CC-3(4)	4 - 0 - 4	6		30	10	20	40	100			

Discipline Specific Elective Course (DSEC) -2: Students of a particular Program Course will choose DSEC-2 from DSEC-1 of Discipline 2.

Discipline Specific Elective Course (DSEC) -3: Students of a particular Program Course will choose DSEC-3 from DSEC-1 of Discipline 3.

Semesterwise Pool of Discipline Specific Elective Courses (DSEC) offered by this Discipline (when treated as Discipline 2 for other Program Courses across the faculties as far as practicable)

Discipline-2	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks
									Practical	Theoretical	Practical	Theoretical		
ELECTRONICS	V	Digital Electronics	DSE	BSCPELCDSE501	DSEC-2(1)	4 - 0 - 4	6	NA	30	10	20	40	100	NA
		Optical Communication		BSCPELCDSE502		4 - 0 - 4			30	10	20	40		
	VI	Radio and Television		BSCPELCDSE601	5 - 1 - 0	10	40		50					
		Measurements and Instrumentation		BSCPELCDSE602	5 - 1 - 0	10	40							

Semesterwise Pool of Discipline Specific Elective Courses (DSEC) offered by this Discipline (when treated as Discipline 3 for other Program Courses across the faculties as far as practicable)

Discipline-3	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks
									Practical	Theoretical	Practical	Theoretical		
ELECTRONICS	V	Digital Electronics	DSE	BSCPELCDSE501	DSEC-3(1)	4 - 0 - 4	6	NA	30	10	20	40	100	NA
		Optical Communication		BSCPELCDSE502		4 - 0 - 4			30	10	20	40		
	VI	Radio and Television		BSCPELCDSE601	5 - 1 - 0	10	40		50					
		Measurements and Instrumentation		BSCPELCDSE602	5 - 1 - 0	10	40							

Pool of Communication Courses offered as Ability Enhancement Compulsary Courses

Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks
									Practical	Theoretical	Practical	Theoretical		
English/MIL Communication	II	English Communication	AE	AECCE201	AECC-2	4 - 0 - 0	4	NA		10		40	50	NA
		Bengali Communication		AECCE201		4 - 0 - 0			10	40				
		Hindi Communication		AECCH201		4 - 0 - 0			10	40				
		Urdu Communication		AECCH201		4 - 0 - 0			10	40				