	KAZI NA	ZRUL UNIVERSITY		FACULTY OF SCIENCE	PROGRAM IN PHYSICS							ACADI	DEMIC SESSION: 2022-23				
Abbreviated	Discipline	Abbreviated Degree	Semester	Course Name	Course Type	Course Code	Course Details	L-T-P	Course	Sem	CA Marl	s	ESE I	Marks	Total Marks	Sem	
Degree	Discipline	Programme	Semester	Course Name	Course Type	Course Coue	Course Details	L-1-F	Credit	Credit	Practical The	retical	Practical	Theoretical	Total Marks	Marks	
				Mechanics		BSCPPHSC101	CC-1(1)	4 - 0 - 4	6		30	15	20	35	100	150 +	
				Discipline 2: CC-1(1) of Other Discipline	C See Pool CC-2(1) See Pool 6	22	22 See Pool				Marks of Marks of	Marks of					
			1	Discipline 3: CC-1(1) of Other Discipline		See Pool	CC-3(1)	See 1001	6	22	See Pool				Disc.2 & Disc.3		
				Environment Studies	AE	AEE101	AECC-1	4 - 0 - 0	4			15		35	Total Marks	Disc.3	
				Electricity and Magnetism		BSCPPHSC201	CC-1(2)	4 - 0 - 4	6		30	15	20	35		150 +	
			II	Discipline 2: CC-1(2) of Other Discipline	С	See Pool	CC-2(2)	See Pool	6	22		See 1	Pool		Marks of Marks of		
				Discipline 3: CC-1(2) of Other Discipline			CC-3(2)		6	22					Disc. 2 & Disc. 2 & Disc. 2 & Disc. 3	Disc.2 &	
				English/MILCommunication	AE	See Pool	AECC-2	4 - 0 - 0	4			15		35	50	Disc.3	
															100		
				Basics of Thermal and Statistical Physics		BSCPPHSC301	CC-1(3)	4 - 0 - 4	6		30	15	20	35		150 +   Marks of   Disc.2 &   Disc.3	
			ш	Discipline 2: CC-1(3) of Other Discipline	С	See Pool	CC-2(3)	See Pool	6	22		C 1	01		Marks of N		
			111	Discipline 3: CC-1(3) of Other Discipline		See Pool	CC-3(3)	See Pool	6	1 22		See !	1001				
				Electrical Circuit Network Skills	SE	BSCPPHSSE301	SEC-1	0 - 0 - 8	4	1	30		20		50 Disc.  100 Marks of Marks of Marks	Disc.5	
BSCP	PHYSICS	BSCPPHS			•		•				<u> </u>						
				Basics of Waves and Optics		BSCPPHSC401	CC-1(4)	4 - 0 - 4	6		30	15	20	35		150	
			IV	Discipline 2: CC-1(4) of Other Discipline	C	See Pool	CC-2(4)	See Pool	6	22		G 1	N 1			Marks of	
			IV	Discipline 3: CC-1(4) of Other Discipline		See Pool	CC-3(4)	See Pool	6	22		See !	See Pool Marks				
				Basic Instrumentation Skills	SE	BSCPPHSSE401	SEC-2	0 - 0 - 8	4	1	30				50	Disc.3	
					•								•	Theoretical   Theoretical   Total Marks   Marks   20   35   100   150 + Marks of Disc. 2 & Disc. 3   35   50   150 + Marks of Disc. 2 & Disc. 3   35   50   150 + Marks of Disc. 2 & Disc. 3   35   50   150 + Marks of Disc. 2 & Disc. 3   20   35   100   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   50   150 + Marks of Disc. 2 & Disc. 3   20   35   100   150 + Marks of Disc. 2   20   35   100   150 + Marks of Disc. 2   20   35   100   150 + Marks of Disc. 3   20   35   100   150 + Marks of Disc. 3   20   35   100   150 + Marks of Disc. 3   20   35   100   150 + Marks of Disc. 3   20   35   100   150 + Marks of Disc. 3   20   35   100   150 + Marks of Disc. 3   20   35   100   150 + Marks of Disc. 3   20   35   100   150 + Marks of Disc. 3   20   35   35   35   35   35   35   35   3			
				Modern Physics (Any One)		BSCPPHSDSE501	DSEC-1(1)	5 - 1 - 0	6			15	Practical   Theoretical   20   35   100   Marks of Disc.2 & Disc.3   35   50   Marks of Disc.2 & Disc.3   20   35   100   Marks of Disc.2 & Disc.3   20   35   100   Marks of Disc.2 & Disc.3   20   35   100   Marks of Disc.2 & Disc.3   20   50   Marks of Disc.3   20   35   Marks of Disc.3   20   Marks of Disc.3				
				Basics of Astronomy and Astrophysics	DSE	BSCPPHSDSE502	` '	5 - 1 - 0				15		35			
			V	Discipline 2: DSE-1(1) of Other Discipline  Discipline 3: DSE-1(1) of Other Discipline		See Pool	DSEC-2(1)	See Pool	6	22		See Pool					
				Technical Drawing Skills	SE	BSCPPHSSE501	DSEC-3(1) SEC-3	0-0-8	6	1	30		20			DSEC	
				Teeminem Diaming Smile	J. J.	B3CITII33E301	SEC-5	0-0-8			30		20		30		
				Basic Electronics		BSCPPHSDSE601	Depo 1(2)	4 - 0 - 4	-		30	15	20	35	100		
				Basics of Nanomaterials and Applications	s and Applications of Other Discipline DSE DSE DSEC-1(2) A - 0 - 4  BSCPPHSDSE602 DSEC-1(2) 4 - 0 - 4  4 - 0 - 4  DSE DSEC-2(2) See Pool	BSCPPHSDSE602	DSEC-1(2)		6		30	15	20		100	150 +	
			VI	Discipline 2: DSE-1(2) of Other Discipline		6	22		See	ee Pool			Marks of				
				Discipline 3: DSE-1(2) of Other Discipline	e 3: DSE-1(2) of Other Discipline DSEC-3(2) 6										DSEC		
				Computational Physics	SE	BSCPPHSSE601	SEC-4	0 - 0 - 8	4	132	30			CD:2.0	50	L. CDCEC	
				Total Credit and Marks						132			850 + Mark	ks of Disc.2 &	k Disc.3 + Mar	KS OI DSEC	

Abbreviations: C= Core; CC=Core Course; AE= Ability Enhancement; AECC= Ability Enhancement Compulsory 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-2 is chosen in the 1st Semester the Discipline-3: Students of a particular Program Course will choose Discipline-3 of any other Discipline accept Discipline and 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	Somoston	Course Name	Course Type	Course Code	Course Details	т т р	Course	Sem	CA	Marks	ESF	Marks	Total Marks	Sem
Discipline-2		Semester	Course Name	Course Type	Course Code	Course Details	L-I-F	Credit	Credit	Practical	Theoretical	Practical	Theoretical	I Otal Warks	Marks
		I	Mechanics		BSCPPHSC101	CC-2(1)	4 - 0 - 4	6		30	15	20	35	100	
	PHYSICS	II	Electricity and Magnetism	C	BSCPPHSC201	CC-2(2)	4 - 0 - 4	6	NI A	30	15	20	35	100	NIA
	ritsics	III	Basics of Thermal and Statistical Physics		BSCPPHSC301	CC-2(3)	4 - 0 - 4	6	INA	30	15	20	35	100	INA
		IV	Basics of Waves and Optics		BSCPPHSC401	CC-2(4)	4 - 0 - 4	6		30	15	20	35	100	

Semesterwise Pool of Core Courses offered by this Discipline (when treated as Discipline 3 for other Program Courses across the facultiesas far as practicable)

Discipline-3	Semester	Course Name	Course Tune	Course Code	Course Details	L-T-P	Course	Sem	CA	Marks	Tota	Total Marks	Sem	
Discipline-5	Semester	Course Name	Course Type	Course Code	Course Details	11-1	Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Marks
	I	Mechanics		BSCPPHSC101	CC-3(1)	4 - 0 - 4	6		30	15	20	35	100	
PHYSICS	II	Electricity and Magnetism	C	BSCPPHSC201	CC-3(2)	4 - 0 - 4	6	NIA	30	15	20	35	100	NIA
rnisics	III	Basics of Thermal and Statistical Physics		BSCPPHSC301	CC-3(3)	4 - 0 - 4	6	] NA	30	15	20	citical         Theoretical         Total Marks         Mar           20         35         100           20         35         100           20         35         100           20         35         100	INA	
	IV	Basics of Waves and Optics		BSCPPHSC401	CC-3(4)	4 - 0 - 4	6		30	15	20	35	100	1

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 Prograi	m Course will choose DSEC-3 from DSEC-1 of Discip	line 3.												
Semesterwise Pool of Discipline Specific Elective Courses	(DSEC) offered by th	is Discipling (when treated as Discipling 2 for other P	rogram Courses	across the faculties as	for as practicable)										
	ì	T ·	rogram Courses		•	I		Course	Sem	CA N	1arks	ESE	Marks		Sem
Discipline-2	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Credit	Credit				Theoretical	Total Marks	Marks	
	v	Modern Physics	(Any One)		BSCPPHSDSE501	DSEC-2(1)	5 - 1 - 0	6			15		35	50	
PHYSICS	•	Basics of Astronomy and Astrophysics	(Ally Olle)	DSE	BSCPPHSDSE502	DSEC-2(1)	5 - 1 - 0	0	NA		15		35	50	NA
THISICS	VI VI	Basic Electronics	(Any One)	DOL	BSCPPHSDSE601	DSEC-2(2)	4 - 0 - 4	6	1121	30	15	20	35	100	1471
	''	Basics of Nanomaterials and Applications	(rany one)		BSCPPHSDSE602	DSEC 2(2)	4 - 0 - 4			30	15	20	35	100	
Semesterwise Pool of Discipline Specific Elective Courses	(DSEC) offered by th	is Discipline (when treated as Discipline 3 for other P	rogram Courses	across the faculties as	far as practicable)				_	C		DOD			
Discipline-3	Semester	Course Name		Course Type	Course Code	Course Details	L - T - P	Course	Sem	CA Marks		ESE Marks  I Practical Theoretical		Total Marks	Sem Marks
•		M. I. Di.	<u> </u>	**	DOCUMENTODOCESOS			Credit	Credit	Practical		Practical			Marks
	v	Modern Physics	(Any One)		BSCPPHSDSE501	DSEC-3(1)	5 - 1 - 0	6			15		35	50	
PHYSICS		Basics of Astronomy and Astrophysics		DSE	BSCPPHSDSE502		5 - 1 - 0		NA	20	15 15	20	35		NA
	VI	Basic Electronics Basics of Nanomaterials and Applications	(Any One)	(Any One)	BSCPPHSDSE601 BSCPPHSDSE602	DSEC-3(2)	4-0-4	6		30	15	20	35 35	100	
		Basics of Nanomaterials and Applications			BSCPPHSDSE602		4-0-4			30	15	20	33		
Pool of Communication Courses offered as Ability Enhance	namant Campulsam	Courses													
·								Course	Sem	CA Marks		ESE Marks			Sem
Discipline	Semester	Course Name		Course Type	Course Code	Course Details	L - T - P	Credit					Theoretical	Total Marks	Marks
		English Communication			AECCE201		4-0-0		011001		15		35		
E PLANT C		Bengali Communication		A.F.	AECCB201	AFGG A	4 - 0 - 0				15		35	50	27.4
English/MIL Communication	II	Hindi Communication	(Any One)	AE	AECCH201	AECC-2	4 - 0 - 0	4	NA		15		35	50	NA
		Urdu Communication			AECCU201		4 - 0 - 0				15		35	1	
	•	•									<u> </u>				