KAZI NAZRUL UNIVERSITY				FACULTY OF SCIENCE	MME: HEMATICS	WITH EFFECT FROM THE ACADEMIC SESSION: 2020-21										
Abbreviated	Discipline	Abbreviated Degree	Semester	Course Name	Course	Course Code	Course Details	L-T-P	Course	Sem	C	A Marks	ESI	E Marks	Total Marks	Sem Marks
Degree		Programme			Туре				Credit	Credit	Practical		Practical	Theoretical		
				Differential Calculus		BSCPMTMC101	CC-1(1)	5 - 1 - 0	6	-	10		40	50 Marks of		
			I	Discipline 2: CC-1(1) of Other Discipline	С	See Pool	CC-2(1)	See Pool	6	22		See	e Pool		Disc.2 &	100 + Marks of
				Discipline 3: CC-1(1) of Other Discipline			CC-3(1)		6			-	1	T	Disc.3	Disc.2 & Disc.3
				Environment Studies	AE	AEE101	AECC-1	4 - 0 - 0	4			10		40	50	
				Differential Equations and Vector Calculus		BSCPMTMC201	CC-1(2)	5 - 1 - 0	6			10		40	50	
				Discipline 2: CC-1(2) of Other Discipline	С		CC-2(2)		6					Disc.2 & Disc.2	100 + Marks of	
			п	Discipline 3: CC-1(2) of Other Discipline		See Pool	CC-3(2)	See Pool	6	22		See			Disc.2 & Disc.3	
				English/MIL Communication	AE See Pool AECC-2 4 - 0 - 0 4			10								
				<u> </u>												
				Algebra		BSCPMTMC301	CC-1(3)	5 - 1 - 0	6			10		40		
			ш	Discipline 2: CC-1(3) of Other Discipline	С	See Pool	CC-2(3)	See Pool	6	22	See Pool				Marks of Disc.2 &	100 + Marks of
				Discipline 3: CC-1(3) of Other Discipline		5001001	CC-3(3)	500 1 001	6	22		500	01001		Disc.2 & Disc.3	Disc.2 & Disc.3
DGGD	BSCP MATHEMATICS	BSCPMTM		Mathematical Logic and Sets	SE	BSCPMTMSE301	SEC-1	4 - 0 - 0	4	<u> </u>		10		40	50	
BSCP	MATHEMATICS			Real Analysis		BSCPMTMC401	CC-1(4)	5 - 1 - 0	6		1	10		40	50	
					С	воститистот	CC-2(4)	5-1-0	6			10		40	Marks of	100 + Marks of
			IV			See Pool		See Pool	6	22		See	e Pool		Disc.2 &	Disc.2 & Disc.3
				Boolean Algebra	SE	BSCPMTMSE401	CC-3(4) SEC-2	4 - 0 - 0	4	4 !		10	1	40	Disc.3 50	
				Boolean Algebra	5E	DSCI WIWSE401	SEC-2	4-0-0	4			10		40	50	
				Mechanics (Any One)	One)	BSCPMTMDSE501	DSEC-1(1)	5 - 1 - 0	6			10		40	50	
			v	Numerical Analysis	DSE	BSCPMTMDSE502		5 - 1 - 0		22		10		40		100 + Marks of
			v	Discipline 2: DSE-1(1) of Other Discipline Discipline 3: DSE-1(1) of Other Discipline	-	See Pool	DSEC-2(1) DSEC-3(1)	See Pool	6 6	22		See	e Pool		Marks of DSE chosen	DSEC Chosen
				Number Theory		BSCPMTMSE501	SEC-3	4 - 0 - 0	4			10		40	50	
					1		1	5 1 0	r –		r	10	-	10		
				Linear Programming Problems (Any One) Probability and Statistics		BSCPMTMDSE601 BSCPMTMDSE602	DSEC-1(2)	5 - 1 - 0 5 - 1 - 0	6			10	40 40		50	
			VI	Discipline 2: DSE-1(2) of Other Discipline	DSE		DSEC-2(2)		6	22			e Pool	10	Marks of DSE	100 + Marks of DSEC Chosen
				Discipline 3: DSE-1(2) of Other Discipline		See Pool	DSEC-3(2)	See Pool	6				e Pool	1	chosen	DSEC Chosen
				Graph Theory Total Credit and Marks	SE	BSCPMTMSE601	SEC-4	4 - 0 - 0	4	132		10		40	50	+ Marks of DSEC
	<u> </u>		1	Total Creat and Marks	1	I				132	1			000 T 19181 KS 101	D150.2 & D150.3	1 Marks 01 DSEC
Abbreviations	: C= Core; CC=Core C	Course; AE= Ability Enh	nancement; A	AECC= Ability Enhancement Compulsary Course; GE= Generic Elect			· ·	· · · ·				· •	e Specific Elec	tive; DSEC= Dis	cipline Specific	Elective Course;
				CA= Continuous Assessment, ESE= End Semester Examination,	L= Lectur	e Hour; T= Tutorial Ho	ur and P= Practica	al Hour/ Fie	d Work a	nd NA= N	ot Applicab	ble				
Discipline-2: Stu	idents of a particular P	rogram Course will cho	ose Disciplir	e-2 of any other Discipline except of his/her own. For example, if a stu	ident opts	for Program Course in	Mathematics then	that studen	t is reauire	ed to opt 1	Discipline-2	from Program Co	ourses other tl	nan Mathematics	s. Once Disciplir	e-2 is chosen in
-	-	nue with the same in the	-	• • • • • • • •	······································					· · · · · · · · · · · · · ·					F	
Discipline-3: Stu	idents of a particular P	rogram Course will cho	ose Disciplir	e-3 of any other Discipline except Discipline 1 and Discipline 2 alread	y chosen.	Once Discipline-3 is cho	sen in the 1st Seme	ster the stud	lent is to c	ontinue w	vith the same	e in the remaining	g semesters.			
•	-	5	-			•							0			
Semesterwise Po	ool of Core Courses off	ered by this Discipline (v	when treated	as Discipline 2 for other Program Courses across the faculties as far	as practic	able)										
	Discipline-2		Semester	Course Name	Course	Course Code	Course Details	L - T - P	Course	Sem		A Marks		E Marks	Total Marks	Sem Marks
	-			Differential Calculus	Туре	BSCPMTMC101	CC-2(1)	5 - 1 - 0	Credit 6	Credit	Practical	Theoretical 10	Practical	Theoretical 40	50	
		10	I	Differential Equations and Vector Calculus	C	BSCPMTMC201	CC-2(1) CC-2(2)	5 - 1 - 0	6	NT A		10		40	50	N 4
MATHEMATICS		111		Algebra	C	BSCPMTMC301	CC-2(3)	5 - 1 - 0	6	NA		10		40	50	NA
			IV	Real Analysis		BSCPMTMC401	CC-2(4)	5 - 1 - 0	6			10		40	50	

Discipline-3	Semester	Course Name		Course	Course Code	Course Details	L - T - P	Course	Sem	CA	Marks	ESE Marks		Total Marks	Sem Marks
Discipline-5				Туре	e Course Coue	Course Details	L·I·r	Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Walks	Selli Marks
	I	Differential Calculus		с	BSCPMTMC101	CC-3(1)	5 - 1 - 0	6			10		40	50	
MATHEMATICS	П	Differential Equations and Vector Calculus			BSCPMTMC201	CC-3(2)	5 - 1 - 0	6	NA		10		40	50 50 50	NA
MATHEMATICS	ш	Algebra			BSCPMTMC301	CC-3(3)	5 - 1 - 0	6			10		40		
	IV	Real Analysis			BSCPMTMC401	CC-3(4)	5 - 1 - 0	6			10		40		
1		ogram Course will choose DSEC-2 from DSEC-1 of Disci	1												
ane Specific Elective Course (DSEC) -3: Students of a	particular Pro	ogram Course will choose DSEC-3 from DSEC-1 of Disci	ipline 3.												
townice Real of Dissipling Specific Elective Courses (D	EEC) offered	by this Discipline (when treated as Discipline 2 for other	Drogrom Com		, the fearlies as fer as r	maticable)									
	SEC) onereu		0	Course	. [Course Details	L - T - P	Course Credit	Sem	CA Marks		ESE Marks			
Discipline-2	Semester	Course Name		Туре	Course Code				Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Mar
		Mechanics		- 500	BSCPMTMDSE501		5 - 1 - 0		orean	Tructicui	10	Tracticui	40		NA
	V	Numerical Analysis	(Any One)		BSCPMTMDSE502	DSEC-2(1)	5 - 1 - 0	6			10		40	50	
MATHEMATICS		Linear Programming Problems	(1 0)	DSE	BSCPMTMDSE601		5 - 1 - 0	-	NA		10		40	50	
	VI	Probability and Statistics	(Any One)		BSCPMTMDSE602	DSEC-2(2)	5 - 1 - 0	6			10		40		
		•													
sterwise Pool of Discipline Specific Elective Courses (D	SEC) offered	by this Discipline (when treated as Discipline 3 for other	Program Cou	rses across	s the faculties as far as p	racticable)									
Dissipline 2	Semester	Course Name		Course		raeticasie)									
Discipline_3	Somester	Course Name		Course	Course Code	,	I.T.P	Course	Sem	CA	Marks	ESE	Marks	Total Marke	Som M
Discipline-3	Semester	Course Name		Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Practical	Marks Theoretical	ESE Practical	Marks Theoretical	Total Marks	Sem M
Discipline-3	Semester	Mechanics	(Any One)		BSCPMTMDSE501	Course Details	L - T - P 5 - 1 - 0	Credit					Theoretical 40		Sem M
	Semester V	Mechanics Numerical Analysis	(Any One)	Туре	BSCPMTMDSE501 BSCPMTMDSE502	,			Credit		Theoretical 10 10		Theoretical 40 40	Total Marks 50	
Discipline-3 MATHEMATICS	Semester V VI	Mechanics Numerical Analysis Linear Programming Problems	· · · ·		BSCPMTMDSE501 BSCPMTMDSE502 BSCPMTMDSE601	Course Details DSEC-3(1)	5 - 1 - 0 5 - 1 - 0 5 - 1 - 0	Credit			Theoretical 10 10 10 10		Theoretical 40 40 40 40	50	
	v	Mechanics Numerical Analysis	(Any One) (Any One)	Туре	BSCPMTMDSE501 BSCPMTMDSE502	Course Details	5 - 1 - 0 5 - 1 - 0	Credit	Credit		Theoretical 10 10		Theoretical 40 40		Sem M
MATHEMATICS	V VI	Mechanics Numerical Analysis Linear Programming Problems Probability and Statistics	· · · ·	Туре	BSCPMTMDSE501 BSCPMTMDSE502 BSCPMTMDSE601	Course Details DSEC-3(1)	5 - 1 - 0 5 - 1 - 0 5 - 1 - 0	Credit	Credit		Theoretical 10 10 10 10		Theoretical 40 40 40 40	50	
MATHEMATICS	V VI	Mechanics Numerical Analysis Linear Programming Problems Probability and Statistics	· · · ·	Type DSE	BSCPMTMDSE501 BSCPMTMDSE502 BSCPMTMDSE601	Course Details DSEC-3(1)	5 - 1 - 0 5 - 1 - 0 5 - 1 - 0	Credit 6	Credit NA	Practical	Theoretical 10 10 10 10 10	Practical	Theoretical 40 40 40 40 40 40	50	~
MATHEMATICS	V VI	Mechanics Numerical Analysis Linear Programming Problems Probability and Statistics	· · · ·	Type DSE Course	BSCPMTMDSE501 BSCPMTMDSE502 BSCPMTMDSE601	Course Details DSEC-3(1)	5 - 1 - 0 5 - 1 - 0 5 - 1 - 0	Credit 6 6 Course	Credit NA Sem	Practical	Theoretical 10 10 10 10 Marks	Practical	Theoretical 40 40 40 40 40 Marks	50	NA
MATHEMATICS f Communication Courses offered as Ability Enhancer	V VI	Mechanics Numerical Analysis Linear Programming Problems Probability and Statistics ary Courses Course Name	· · · ·	Type DSE	BSCPMTMDSE501 BSCPMTMDSE502 BSCPMTMDSE601 BSCPMTMDSE602 Course Code	Course Details DSEC-3(1) DSEC-3(2)	5 - 1 - 0 5 - 1 - 0 5 - 1 - 0 5 - 1 - 0 L - T - P	Credit 6	Credit NA	Practical	Theoretical 10 10 10 10 Marks Theoretical	Practical	Theoretical 40 40 40 40 40 Marks Theoretical	50 50	NA
MATHEMATICS f Communication Courses offered as Ability Enhancer	V VI	Mechanics Numerical Analysis Linear Programming Problems Probability and Statistics ary Courses Course Name English Communication	· · · ·	Type DSE Course	BSCPMTMDSE501 BSCPMTMDSE502 BSCPMTMDSE601 BSCPMTMDSE602 Course Code AECCE201	Course Details DSEC-3(1) DSEC-3(2) Course Details	5 - 1 - 0 5 - 1 - 0 5 - 1 - 0 5 - 1 - 0 5 - 1 - 0 L - T - P 4 - 0 - 0	Credit 6 6 Course	Credit NA Sem	Practical	Theoretical 10 10 10 10 Marks Theoretical 10	Practical	Theoretical 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	50 50	NA
MATHEMATICS of Communication Courses offered as Ability Enhancer	V VI	Mechanics Numerical Analysis Linear Programming Problems Probability and Statistics ary Courses Course Name	· · · ·	Type DSE Course	BSCPMTMDSE501 BSCPMTMDSE502 BSCPMTMDSE601 BSCPMTMDSE602 Course Code	Course Details DSEC-3(1) DSEC-3(2)	5 - 1 - 0 5 - 1 - 0 5 - 1 - 0 5 - 1 - 0 L - T - P	Credit 6 6 Course	Credit NA Sem	Practical	Theoretical 10 10 10 10 Marks Theoretical	Practical	Theoretical 40 40 40 40 40 Marks Theoretical	50 50	