K	AZI NAZRUL I	UNIVERSITY		FACULTY OF SCIENCE, TECHNOLOGY & VOCATIONAL STUDIES		egree /4-Year UC ear UG Degree (He Research)								2023-24					
bbrevia		er								CA M	arks	ESE	Marks		—				
ted Degree	Discipline	Degree Programme	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks			
				Plant Groups and Microbial World	MAJOR	BSCBOTMJ101	MJC-1	3 - 0 - 4	5		30	15	20	35	100				
				Choose from the Pool of Minor Courses offered in 1st Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-1	See Pool	5			See P	ool		100				
			I	Choose from the Pool of Multidisciplinary Courses offered in 1st Semester across the faculties	MD	See Pool	MDC-1	2 - 1 - 0	3	20		15		35	50	350			
				English/MIL Communication	AE	See Pool	AEC-1	4 - 0 - 0	4			15		35	50				
				Mushroom Technology	SE	BSCBOTSE101	SEC-1	3 - 0 - 0	3			15		35	50				
					N (LOD	DOCDOT (1201		2 0 1	6	1 1	20	15	20	25	100	1			
					1		Cryptogamic Botany & Palaeobotany	MAJOR	BSCBOTMJ201	MJC-2	3 - 0 - 4	5	-	30	15	20	35	100	_
			п	Choose from the Pool of Minor Courses offered in 2nd Semester by other Disciplines within the faculty	MINOR	Corresponding Course Code of Minor opted in 1st Semester	MNC-2	See Pool	5	20		See Pool 100			350				
				Choose from the Pool of Multidisciplinary Courses offered in 2nd Semester across the faculties	MD	See Pool	MDC-2	2 - 1 - 0	3			15		35	50				
				Environment Studies	VA	VA201	VAC-1	4 - 0 - 0	4			15		35	50				
				Biofertilizer	SE	BSCBOTSE201	SEC-2	3 - 0 - 0	3			15		35	50				
				Student exiting the programmes after securing 40 credits w	ill be awarded UG Certificate	in the relevant Discipline/S	ubject provided they	v secure followi	ng 4 credits i	n work based vo	cational courses /	summer interns	hip during 1st	vear					
				Vegetional Course						r r									
			п	Summer Internship Any One	SI	SI201	SIC-1	0 - 0 - 8	4	24	30		20		50	400			
				I					-					-	ī	-			
				Gymnosperms, Mycology and Plant Pathology-I	MAJOR	BSCBOTMJ301	MJC-3	3 - 0 - 4	5	4 4	30	15	20	35	100				
				Gymnosperms, Mycology and Plant Pathology -II	MAJOR	BSCBOTMJ302	MJC-4	3 - 0 - 4	5		30	15	20	35	100				
		3-year UG	ш	Choose from the Pool of Minor Courses offered in 3rd Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-3	See Pool	5	22		See P	ool		100	400			
		Degree		Choose from the Pool of Multidisciplinary Courses offered in 3rd Semester across the faculties	MD	See Pool	MD-3	2 - 1 - 0	3			15		35	50				
				English Communication	AE	See Pool	AEC-2	4 - 0 - 0	4			15		35	50				
									1	11									
				Structural Botany, Economic Botany and Pharmacognosy -I	MAJOR	BSCBOTMJ401	MJC-5	3 - 0 - 4	5		30	15	20	35	100	_			
				Structural Botany, Economic Botany and Pharmacognosy-II	MAJOR	BSCBOTMJ402	MJC-6	3 - 0 - 4	5	4 4	30	15	20	35	100				
			IV	Choose from the Pool of Minor Courses offered in 4th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-4	See Pool	5	22		See P	ool		100	400			
				Horticulture, Nusery and Gardening	SE	BSCBOTSE401	SEC-3	3 - 0 - 0	3			15		35	50				
				Choose from the Pool of Value Added Course offered in 4th Semester	VA	See Pool	VAC-2	See Pool	4			15		35	50				
		Student exiting the programmes after securing 84 credits will be awarded UG Diploma in the relevant Discipline/Subje						d they secure fo	llowing 4 cre	dits in work bas	ed vocational cou	rses / summer in	ternship durin	g 2nd year		•			
			IV	Vocational Course Any One Summer Internship	VC SI	VC401 SI401	VCD-1 SID-1	0 - 0 - 8	4	26	30		20		50	450			
				Summer internomp		51401	510-1		·	ı I					I				
				Genetics, Plant Breeding, Biostatistics and Cell Biology -I	MAJOR	BSCBOTMJ501	MJC-7	3 - 0 - 4	5		30	15	20	35	100				
BSC	Botany			Genetics, Plant Breeding, Biostatistics and Cell Biology-II	MAJOR	BSCBOTMJ502	MJC-8	3 - 0 - 4	5] [30	15	20	35	100				
	v		v	Molecular Biology and Plant Biotechnology	MAJOR	BSCBOTMJ503	MJC-9	3 - 0 - 4	5	20	30	15	20	35	100	400			
		1		Choose from the Pool of Minor Courses offered in 5th Semester by other	MINOR		MNC-5		5	1		See P			100	1			

1	1		Plant Physiology and Biochemistry, Plant Ecology and	d Phytogeography-I	MAJOR	BSCBOTMJ601	MJC-10	3 - 0 - 4	5		30	15	20	35	100	1
			Plant Physiology and Biochemistry, Plant Ecology and		MAJOR	BSCBOTMJ602	MJC-11	3 - 0 - 4	5		30	15	20	35	100	
		VI	Plant Systematics and Reproductive Biology		MAJOR	BSCBOTMJ603	MJC-12	3 - 0 - 4	5	22	30	15	20	35	100	45
		• •	Horticulture and Post Harvesting Technology		MAJOR	BSCBOTMJ604	MJC-13	3 - 0 - 4	5	22	30	15	20	35	100	
			Summer Internship		SI	SI601	SIMC-1	0 - 0 - 4	2		30	15	20	55	50	-
			Total Credit and Marks		51	TOTAL CI		0 0 1	-	126	50	т	TAL MARKS		20	23
			Total Creuit and Marks										JIAL WARKS			23
		Students who want to undertake 3-year UG programme will be awarded UG Degree in the relevant Discipline / Subject upon securing 126 credits														
			Evolutionary and Advanced Aspects of Plant Groups		MAJOR	BSCBOTMJ701	MJC-14	3 - 0 - 4	5		30	15	20	35	100	Г
			Research Methodology & Ethics		MAJOR	BSCBOTMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
			Current Trends in Plant Science -I			MJC-16	3 - 0 - 4	5		30	15	20	35	100		
		VII	Current Trends in Plant Science -II		MAJOR	BSCBOTMJ704	MJC-17	3 - 0 - 4	5	25	30	15	20	35	100	
			Choose from the Pool of Minor Courses offered in 7th	Semester by other		BBCBCTIMFOT		5 0 .								
			Disciplines within the faculty	i Semester by other	MINOR	See Pool	MNC-6	See Pool	5			See I	Pool		100	
	4 - Year UG Degree		Disciplines within the faculty				l		l							I
	(Honours)		Bioinformatics & Instrumentation Biology		MAJOR	BSCBOTMJ801	MJC-18	3 - 0 - 4	5		30	15	20	35	100	1
	(,		Forestry and Plant Resource Management-I		MAJOR	BSCBOTMJ802	MJC-19	2 - 0 - 4	4		30	15	20	35	100	*
			Forestry and Plant Resource Management -II		MAJOR	BSCBOTMJ803	MJC-20	2 - 0 - 4	4		30	15	20	35	100	
		VIII	Applied Botany		MAJOR	BSCBOTMJ804	MJC-20 MJC-21	2 - 0 - 4	4	22	30	15	20	35	100	500
				0 (1 (1	MAJOK	BSCB01WJ804	IVIJC-21	2 - 0 - 4	4		30	15	20		100	
			Choose from the Pool of Minor Courses offered in 8th Disciplines within the faculty	Semester by other	MINOR	See Pool	MNC-7	See Pool	5			See I		100		
			Total Credit and Marks			TOTAL CI	REDIT			173		то	OTAL MARKS			
			Evolutionary and Advanced Aspects of Plant Groups		MAJOR	BSCBOTMJ701	MJC-14	3 - 0 - 4	5		30	15	20	35	100	
			Research Methodology & Ethics		MAJOR	BSCBOTMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
		VII	Current Trends in Plant Science -I		MAJOR	BSCBOTMJ703	MJC-16	3 - 0 - 4	5	25	30	15	20	35	100	
		vn	Current Trends in Plant Science -II		MAJOR	BSCBOTMJ704	MJC-17	3 - 0 - 4	5	25	30	15	20	35	100	
	4 - Year UG Degree		Choose from the Pool of Minor Courses offered in 7th Disciplines within the faculty	Semester by other	MINOR	See Pool	MNC-6	See Pool	5			See I	Pool	100]	
	(Honours with		1 7				1		1							
	Research)		Bioinformatics & Instrumentation Biology		MAJOR	BSCBOTMJ801	MJC-18	3 - 0 - 4	5		30	15	20	35	100	1
	· · · · ·		Research Methodology and Ethics		RP	BSCBOTRP801	RPC-1	4 - 0 - 0	4		50	30	20	70	100	-
		VIII	Research Project / Dissertation		RP	BSCBOTRP802	RPC-2	0 - 0 - 16	8	22	120	50		200		
			choose from the Pool of Minor Courses offered in 8th Disciplines within the faculty	Semester by other	MINOR	See Pool	MNC-7	See Pool	5	22	See Pool 100					
		-	Total Credit and Marks			TOTAL CREDIT					TOTAL MARKS					
									1 1	173	1					
			Students who want to un	dertake 4-year UG Ho	nours with Research progra	im will be awarded UG D	egree (Honours wi	ith Research) in t	ne relevant	Discipline / Su	ibject provided th	ey secure 1/3 (credits			
tions: M.I	= Maior:MJC-= Ma	nior Con	rse;MN= Minor;MNC= Minor Course; AE= Ability	Enhancement: AEC=	Ability Enhancement Cour	se: SE= Skill Enhancem	ent: SEC= Skill Ei	nhancement Cou	se: MD= M	ultidisciplinar	v : MDC= Multio	lisciplinary Co	urse: SI - Sumn	er Internshin:	SIC - Summe	r Int
	D:Summer Internsh	ip for D	ploma; SIMC - Summer Internship Mandatory Cou	rse: RP= Research Pro	iect :RPC= Research Proje	ct Course: VA= Value A	dded:VAC= Value	Added Course:	VC= Vocati	onal Course: V	CC= Vocational	Course for Ce	tificate: VCD=	Vocational Co	urse for Diplo	oma
tificate; SII		•			ester Examination, L= Lect										-	
tificate; SII																
tificate; SII					·						10 D				• • •	
						or discipline opted by the	student within the		dent is requ	ired to opt the		ipline in the 2n	d semester which	ch he had opted	in 1st semest	
or Courses			cular UG Course will choose from the Pool of Minor						W <i>c</i> ¹							ter.
or Courses on: If a stud	dent of Physics Majo	or, opts	or a Minor Course offered by Chemistry in 1st seme	ster then that student i			d by Chemistry for	2nd semester as	Minor Cou	rse in the 2nd s	semester.	-		•		ter.
nor Courses ion: If a stud	dent of Physics Majo	or, opts		ster then that student i			d by Chemistry for	• 2nd semester as	Γ			ECE	Marila	-		ter.
nor Courses ion: If a stud	dent of Physics Maje of Minor Courses	or, opts	or a Minor Course offered by Chemistry in 1st seme	ster then that student i			d by Chemistry for L - T - P	Course Credit	Sem	CA	Marks		Marks	Total Marks	Sem N	
nor Courses ion: If a stud rwise Pool o Semesto	dent of Physics Maje of Minor Courses er Course Name	or, opts t	or a Minor Course offered by Chemistry in 1st seme: by Botany for other Disciplines within the Facu	ester then that student is	s required to continue with Course Code	the Minor Course offered Course Details	L - T - P	Course Credit	Γ	CA Practical	Marks Theoretical	Practical	Theoretical			
nor Courses ion: If a stud rwise Pool (dent of Physics Maje of Minor Courses	or, opts to offered	or a Minor Course offered by Chemistry in 1st seme: by Botany for other Disciplines within the Facu bial World	ester then that student is	s required to continue with	the Minor Course offered			Sem	CA	Marks			Total Marks 100 100		

	III	Gymnosperms,	Mycolo	gy and Plant Pathology		BSCBOTMN301	MNC-3	3 - 0 - 4	5		30	15	20	35	100	
Botany	IV	Plant Morphology, Plant Anatomy & Plant Taxonomy			MINOR	BSCBOTMN401	MNC-4	3 - 0 - 4	5	NA	30	15	20	35	100	NA
Bot	V		iny and	Pharmacognosy	mitton	BSCBOTMN501	MNC-5	3 - 0 - 4	5		30	15	20	35	100	
	VI	NA					NA	1				1	NA	1		
	VII			nemistry and Plant Ecology	-	BSCBOTMN701	MNC-6	3 - 0 - 4	5		30	15	20	35	100	
	VIII	Genetics, Cell	& Moleo	ular Biology and Plant Biotechnology		BSCBOTMN801	MNC-7	3 - 0 - 4	5		30	15	20	35	100	
meste	er wise Pool	of Multidisc	inlina	ry Courses offered by Botany for a	other Disciplines across	the Faculties										
										Sem	CA	Marks	ESE	Marks	Г	
D	oiscipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
		Ι		Introduction To Local Flora	MD	MDC118	MDC-1	2 - 1 - 0	3	NA		15		35	50	
Botany	П		Herbal Home Remedies	MD	MDC217	MDC-2	2 - 1 - 0	3	NA		15		35	50		
		п		Terbul Home Remedies	IVID	WIDC217	WIDC-2	2 - 1 - 0	5	INA		15		55	50	
ol of Co	ommunication C	ourses offered a	ıs Abilit	y Enhancement Courses in Semester-I	1	1	1	1	1		n		I		, , , , , , , , , , , , , , , , , , ,	
п	licainline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem	CA	Marks	ESE Marks		Total Marks	Sem Marks
Discipline	Semester		Course Name	Course Type	Course Coue	Course Details	L-1-F	Course Creun	Credit	Practical	Practical Theoretical		Theoretical	I otal Warks	Selli Marks	
			0	English Communication		AECE101					Tractical	Theoretical	Practical	Theoretical		
English/MIL	I	One	Bengali Communication	AE	AECB101	AEC-1	4 - 0 - 0	4	NA		15		35	50	NA	
Com	munication	1	Any	Hindi Communication	AE	AECH101	AEC-1	4 - 0 - 0	7	INA		15		35	50	INA
			1	Urdu Communication		AECU101										
ol of Va	alua Addad. Cau	urses offered in	Somost	r-IV for all Disciplines across all Faculties												
			Semesu	*						Sem	CA	Marks	ESE	Marks		
D	oiscipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Mark
				Yoga And Health		VAC401	_									
				Social Values and Ethics		VAC402	-	4 - 0 - 0								
			ů ů	Digital and Technological Solutions		VAC403	VAC-2									
	NA	IV	Any One	Understanding India	-	VAC404			4	NA		15		35	50	NA
				Sustainable Development: Issues and Challenges		VAC405										
				Goods and Services Tax		VAC406										
				Basics of Indian Constitution		VAC407										
mester	wise Pool of Mu	lltidisciplinary (Courses	offered for all Disciplines across the Facultion	es:		I		1	6	~		POP		<u>г </u>	
fered B	By Discipline	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 Marks
ysics				Physical Science		MDC101				Creuit	Fractical	i neoretical	rractical	rneoretical	┼──┼	
A		1		E-Commerce	1	MDC102	1									
	Science	1		Human Rights	1	MDC102	1									
ography	у			Disaster Management]	MDC104]									
	Education	4		Fitness and Wellness	4	MDC105	4									
ology		1	1	Application of Bio-Science	1	MDC106	1	1			1	1		1		

English Commerce History Bengali Economics Hindi Mathematics Sociology Philosophy Electronics Computer Science Botany Computer Applications Commerce	I	Any One	Film Appreciation Accounting for All Exploring Early Medieval Bengal: C.7th Century CE to 1206 CE Bangla Sahitya O Sanskriti Money and Banking Patrakarita Business Mathematics Indian Society Yoga for Daily Life Electronic Measurements Introduction to Local Flora Information and Media Literacy Personal Finance	MD	MDC107 MDC108 MDC109 MDC111 MDC112 MDC113 MDC114 MDC115 MDC116 MDC117 MDC118 MDC119 MDC120	MDC-1	2 - 1 - 0	3	NA	15	35	50	NA
Mathematics BBA Statistics History Commerce Nutrition Education Psychology Computer Bengali Nazrul Sangeet Electronics Chemistry Sanskrit Urdu Hindi Botany	Ш	Any One	Mathematical Science Business Environment Basic Statistics Understanding Medieval Bengal Select Themes: 1206 CE-1727 CE Personal Finance Nutrition and Public Health Educational Philosophy Stress Management Social Media and Cyber Awareness Adhunik Bangla Sahitya Nazrul Sangeet E-Waste Management Chemical Science Critical Survey of Sanskrit Language Asnaf- E -Adab Anuvad Vigyan Herbal Home Remedies	MD	MDC201 MDC202 MDC203 MDC204 MDC205 MDC206 MDC207 MDC208 MDC209 MDC210 MDC211 MDC212 MDC213 MDC214 MDC215 MDC216 MDC217	MDC-2	2 - 1 - 0	3	NA	15	35	50	NA
Geography Sanskrit Physics Zoology Mathematics Education Political Sc Philosophy	Ш	Any One	Bharatavarsha—A Land of Rare Natural Endowments The Vedangas and other Streams of Indian Knowledge System Indian Astronomy Indian Health Sciences Indian Mathematics Indian Education Indian Polity and Economy Methodology of Indian Knowledge System	MD	MDC301 MDC302 MDC303 MDC304 MDC305 MDC306 MDC306 MDC307 MDC308	MDC-3	2 - 1 - 0	3	NA	15	35	50	NA