

KAZI NAZRUL UNIVERSITY				FACULTY OF SCIENCE, TECHNOLOGY & VOCATIONAL STUDIES			3-Year UG Degree /4-Year UG Degree (Honours) / 4-Year UG Degree (Honours with Research)			WITH EFFECT FROM THE ACADEMIC SESSION: 2023-24								
Abbreviated Degree	Discipline	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				
BCA	COMPUTER APPLICATION	3-year UG Degree	I	Introduction to Programming using C	MAJOR	BCAMJ101	MJC-1	3 - 0 - 4	5	20	30	15	20	35	100	350		
				Financial Accounting	MINOR	BCAMN101	MNC-1	4 - 1 - 0	5			30		70	100			
				Choose from the Pool of Multidisciplinary Courses offered in 1st Semester across the faculties	MD	See Pool	MDC-1	2 - 1 - 0	3			15		35	50			
				English/MIL Communication	AE	See Pool	AEC-1	4 - 0 - 0	4			15		35	50			
				Office Automation Software Lab	SE	BCASE101	SEC-1	0 - 0 - 6	3		30		20		50			
			II	Data Structures and Algorithms	MAJOR	BCAMJ201	MJC-2	3 - 0 - 4	5	20	30	15	20	35	100	350		
				Cost Accounting	MINOR	BCAMN201	MNC-2	4 - 1 - 0	5			30		70	100			
				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			
				Web Designing with HTML, CSS	SE	BCASE201	SEC-2	0 - 0 - 6	3		30		20		50			
			Student exiting the programmes after securing 40 credits will be awarded UG Certificate in the relevant Discipline/Subject provided they secure following 4 credits in work based vocational courses / summer internship during 1st year															
			II	Vocational Course	Any One	VC	VC201	VCC-1	0 - 0 - 8	4	24	30		20		50	400	
				Summer Internship		SI	SI201	SIC-1										
			III	Object Oriented Programming with C ++	MAJOR	BCAMJ301	MJC-3	3 - 0 - 4	5	22	30	15	20	35	100	400		
				Digital Logic and Computer Organization	MAJOR	BCAMJ302	MJC-4	3 - 0 - 4	5		30	15	20	35	100			
				Introduction to Algebra and Trigonometry	MINOR	BCAMN301	MNC-3	4 - 1 - 0	5			30		70	100			
				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			
				MIL/English Communication	AE	See Pool	AEC-2	4 - 0 - 0	4			15		35	50			
			Students who opted English in SEM-I have to opt for any course from MIL (Bengali/Hindi/Urdu/Alternative English) in SEM -III and Students who opted MIL (Bengali/Hindi/Urdu/Alternative English) in SEM -I have to opt English in SEM -III															
			IV	Operating System	MAJOR	BCAMJ401	MJC-5	3 - 0 - 4	5	22	30	15	20	35	100	400		
				Database Management System	MAJOR	BCAMJ402	MJC-6	3 - 0 - 4	5		30	15	20	35	100			
				Introduction to Calculus and Differential Equation	MINOR	BCAMN401	MNC-4	4 - 1 - 0	5			30		70	100			
				Reasoning and Aptitude	SE	BCASE401	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/Subject provided they secure following 4 credits in work based vocational courses / summer internship during 2nd year															
			IV	Vocational Course	Any One	VC	VC401	VCD-1	0 - 0 - 8	4	26	30		20		50	450	
				Summer Internship		SI	SI401	SID-1										
			V	Microprocessor and Computer Architecture	MAJOR	BCAMJ501	MJC-7	3 - 0 - 4	5	20	30	15	20	35	100	400		
				Computer Networks	MAJOR	BCAMJ502	MJC-8	3 - 0 - 4	5		30	15	20	35	100			
				Core Java	MAJOR	BCAMJ503	MJC-9	3 - 0 - 4	5		30	15	20	35	100			
				Introduction to Geometry and Probability-Statistics	MINOR	BCAMN501	MNC-5	4 - 1 - 0	5			30		70	100			
			VI	Data Mining	MAJOR	BCAMJ601	MJC-10	4 - 1 - 0	5	22		30		70	100	450		
				Software Engineering	MAJOR	BCAMJ602	MJC-11	4 - 1 - 0	5			30			70		100	
				Web and Internet Technology	MAJOR	BCAMJ603	MJC-12	3 - 0 - 4	5		30	15	20	35	100			
				Programming in Python	MAJOR	BCAMJ604	MJC-13	3 - 0 - 4	5		30	15	20	35	100			
				Summer Internship	SI	SI601	SIMC-1	0 - 0 - 4	2		30		20		50			

Nazrul Sangeet	II	Any One	Nazrul Sangeet	MD	MDC211	MDC-2	0- 1- 4	3	NA	30		20		50	NA		
Electronics			E-Waste Management		MDC212												
Chemistry			Chemical Science		MDC213												
Sanskrit			Critical Survey of Sanskrit Language		MDC214												
Urdu			Asnaf- E -Adab		MDC215		2 -1 - 0										
Hindi			Anuvad Vigyan		MDC216												
Botany			Herbal Home Remedies		MDC217												
English			Contemporary India: Women and Empowerment		MDC218						15		35				
Political Science			Women Empowerment in India: Issues and Dimensions		MDC219												
Physical Education			Yoga-Vyayama		MDC220												
Commerce			Macroeconomics		MDC221												
Geology			The Past Life on Earth		MDC222												

Offered By 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		
Geography	III	Any One	Bharatarvarsha - A Land of Rare Natural Endowments	MD	MDC301	MDC-3	2 - 1 - 0	3	NA					50	NA
Sanskrit			The Vedangas and other Streams of Indian Knowledge System		MDC302										
Physics			Indian Astronomy		MDC303										
Zoology			Indian Health Sciences		MDC304										
Mathematics			Indian Mathematics		MDC305										
Education			Indian Education		MDC306										
Political Sc			Indian Polity and Economy		MDC307										
Philosophy			Methodology of Indian Knowledge System		MDC308						15		35		
Geology			Remote Sensing and GIS		MDC309										
Physical Education			Indian Medical System and Yoga		MDC310										
Urdu			Urdu Gajal		MDC311										
Commerce			Indian Economy		MDC312										
Computer Science			Impact of Artificial Intelligence in Education		MDC313										
Physiology			Community Health Care		MDC314										

Pool of Value Added Courses offered in Semester-IV for all Disciplines across all Faculties															
Offered By 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		
Physiology	IV	Any One	Yoga and Health	VA	VAC401	VAC-2	4 - 0 - 0	4	NA					50	NA
Philosophy			Social Values and Ethics		VAC402										
Computer Science			Digital and Technological Solutions		VAC403										
History			Understanding India		VAC404						15		35		
Economics			Sustainable Development: Issues and Challenges		VAC405										
Commerce			Goods and Services Tax		VAC406										
Political Science			Basics of Indian Constitution		VAC407										
Physical Education			Integrated Self Defence		VAC408		0- 2 - 4			30		20			