K	AZI NAZRUL I	UNIVERSITY		FACULTY OF SCIENCE, TECHNOLOGY & VOCATIONAL STUDIES		Degree /4-Year UC ear UG Degree (H Research)				WITH E	FFECT FROM	THE ACADEM	IIC SESSION:	2023-24		
Abbrevia			i.								CA M	Iarks	ESE	Marks		T
ted Degree	Discipline	Degree Programme	Semest	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Mark
				Mechanics and General Properties of Matter	MAJOR	BSCPHSMJ101	MJC-1	3 - 0 - 4	5		30	15	20	35	100	+
				Choose from the Pool of Minor Courses offered in 1st Semester by other	MINOR	See Pool	MNC-1	See Pool	5			See F	Pool		100	1
			I	Disciplines within the faculty Choose from the Pool of Multidisciplinary Courses offered in 1st Semeste		566 1 001	MINO I	Sec 1 001		20					100	350
			•	across the faculties	MD	See Pool	MDC-1	3 - 0 - 0	3	20		15		35	50	330
				English/MIL Communication	AE	See Pool	AEC-1	4 - 0 - 0	4			15		35	50	
				Computer Programming	SE	BSCPHSSE101	SEC-1	0 - 0 - 6	3		30		20		50	
				Electricity and Magnetism	MAJOR	BSCPHSMJ201	MJC-2	3 - 0 - 4	5	1	30	15	20	35	100	
				Electricity and Magnetism	MAJOK		MJC-2	3-0-4	3	-	30	13	20	33	100	-
				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			See F	Pool		100	
			II	Choose from the Pool of Multidisciplinary Courses offered in 2nd Semeste across the faculties	er MD	See Pool	MDC-2	3 - 0 - 0	3	20		15		35	50	350
				Environment Studies	VA	VA201	VAC-1	4 - 0 - 0	4			15		35	50	
				Electrical Circuits and Network Skill Any One	SE	BSCPHSSE201	SEC-2	0 - 0 - 6	3		30		20		50	1
				Basic Instrumentation Skills	SL	BSCPHSSE202	SEC-2	0-0-0	3		30		20		30	
				Student exiting the programmes after securing 40 credits	will be awarded UG Certificate	in the relevant Discipline/S	Subject provided the	y secure followi	ng 4 credits i	in work based vo	cational courses	summer interns	hip during 1st	year		
				Vocational Course	VC	VC201	VCC-1	- 	-	1						_
			II	Summer Internship Any One	SI	SI201	SIC-1	0 - 0 - 8	4	24	30		20		50	400
				Mathematical Methods in Physics I	MAJOR	BSCPHSMJ301	MJC-3	4 - 1 - 0	5			30		70	100	_
				Optics	MAJOR	BSCPHSMJ301 BSCPHSMJ302	MJC-3	3 - 0 - 4	5	-	30	15	20	35	100	-
		3-vear UG	Ш	Choose from the Pool of Minor Courses offered in 3rd Semester by other Disciplines within the faculty		See Pool	MNC-3	See Pool	5	22	30	See F	I.		100	400
		Degree		Choose from the Pool of Multidisciplinary Courses offered in 3rd Semeste across the faculties	er MD	See Pool	MD-3	2 - 1 - 0	3			15		35	50	1
				MIL/English Communication	AE	See Pool	AEC-2	4 - 0 - 0	4			15		35	50	1
			Studen	ts opted English in SEM-I have to opt for any course from MIL (Bengali/H	indi/Urdu) in SEM -III and Stu	dents opted MIL (Bengali/H	lindi/Urdu) in SEM	-I have to opt Er	nglish in SE	M -III				•		
				Classical Mechanics and Special Theory of Relativity	MAJOR	BSCPHSMJ401	MJC-5	4 - 1 - 0	5			30		70	100	T
				Heat and Thermal Physics	MAJOR	BSCPHSMJ402	MJC-6	3 - 0 - 4	5]	30	15	20	35	100	J
			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 F	Pool		100	400
			•	Computer Oriented Numerical Analysis Scientific Writing and Documentation Any One	SE	BSCPHSSE401 BSCPHSSE402	SEC-3	0 - 0 - 6	3		30		20		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 Di	ploma in the relevant Discip	line/Subject provide	ed they secure fo	llowing 4 cre	edits in work bas	ed vocational co	urses / summer in	nternship during	g 2nd year		-1
			IV	Vocational Course	VC	VC401	VCD-1	0-0-8	4	26	30		20		50	450
				Summer Internship Any One	SI	SI401	SID-1	0 0-0		20	50				30	1 750
BSC	Physics			Analog Electronics	MAJOR	BSCPHSMJ501	MJC-7	3 - 0 - 4	5		30	15	20	35	100	_
				Quantum Mechanics-I	MAJOR	BSCPHSMJ502	MJC-8	3 - 0 - 4	5	1	30	15	20	35	100	1

	V	EM Theory and its Applications	MAJOR	BSCPHSMJ503	MJC-9	4 - 1 - 0	5	20		30		70	100
		Choose from the Pool of Minor Courses offered in 5th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-5	See Pool	5			See l	Pool		100
								1	ī	_			
		Nuclear and Particle Physics	MAJOR	BSCPHSMJ601	MJC-10	4 - 1 - 0	5			30		70	100
		Digital Electronics	MAJOR	BSCPHSMJ602	MJC-11	3 - 0 - 4	5		30	15	20	35	100
	VI	Thermodynamics and Statistical Mechanics	MAJOR	BSCPHSMJ603	MJC-12	4 - 1 - 0	5	22		30	ļ	70	100
		Condensed Matter-I and Atomic and Molecular Physics	MAJOR	BSCPHSMJ604	MJC-13	4 - 1 - 0	5			30		70	100
		Summer Internship	SI	SI601	SIMC-1	0 - 0 - 4	2		30		20		50
		Total Credit and Marks		TOTAL CR	REDIT			126		TO	OTAL MARKS	;	
		Students wh	o want to undertake 3-year	r UG programme will be av	warded UG Degree	e in the relevant l	Discipline /	Subject upon s	ecuring 126 credi	ts			
		Statistical Mechanics-II	MAJOR	BSCPHSMJ701	MJC-14	4 - 1 - 0	5	I	I	30		70	100
		Ouantum Mechanics-II	MAJOR	BSCPHSMJ702	MJC-15	4 - 1 - 0	5			30		70	100
		Condensed Matter Physics-II	MAJOR	BSCPHSMJ702	MJC-16	4 - 1 - 0	5			30		70	100
	VII	Mathematical Methods in Physics-II	MAJOR	BSCPHSMJ703 BSCPHSMJ704	MJC-16 MJC-17	4 - 1 - 0	5	25		30	1	70	100
		Choose from the Pool of Minor Courses offered in 7th Semester by other	WAJOK	DOCFIDING/04	IVIJC-1/	4-1-0	3			30	1		100
4 - Year UG		Disciplines within the faculty	MINOR	See Pool	MNC-6	See Pool	5			See l	Pool		100
Degree													
(Honours)		Computational Physics	MAJOR	BSCPHSMJ801	MJC-18	3 - 0 - 4	5		30	15	20	35	100
		Relativistic Mechanics and Electrodynamics	MAJOR	BSCPHSMJ802	MJC-19	4 - 1 - 0	4			30		70	100
	VIII	Experimental Techniques in Physics	MAJOR	BSCPHSMJ803	MJC-20	2 - 0 - 4	4	22	30	15	20	35	100
	VIII	Advanced Electronics and Communication System	MAJOR	BSCPHSMJ804	MJC-21	2 - 0 - 4	4	22	30	15	20	35	100
		Choose from the Pool of Minor Courses offered in 8th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-7	See Pool	5			See l	Pool		100
		Total Credit and Marks		TOTAL CR	REDIT			173		TO	OTAL MARKS	,	
		Total Creat and Marie							41	credite			
		Students who want to undertake	4-year UG Honours progi	ram will be awarded UGE	egree (Honours) i	n the relevant Di	scipline / Su	bject provided	tney secure 1/3	credits			
			4-year UG Honours progr	ram will be awarded UG D BSCPHSMJ701	Degree (Honours) is	n the relevant Dis	scipline / Su	bject provided	they secure 1/3	30		70	100
		Students who want to undertake			MJC-14		•	bject provided	they secure 1/3	_		70 70	100
		Students who want to undertake Statistical Mechanics-II	MAJOR	BSCPHSMJ701	,	4 - 1 - 0	5		they secure 1/3	30			
	VII	Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II	MAJOR MAJOR	BSCPHSMJ701 BSCPHSMJ702	MJC-14 MJC-15	4 - 1 - 0 4 - 1 - 0	5 5	bject provided	they secure 1/3	30 30		70	100
4 - Year UG		Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II Condensed Matter Physics-II	MAJOR MAJOR MAJOR MAJOR	BSCPHSMJ701 BSCPHSMJ702 BSCPHSMJ703 BSCPHSMJ704	MJC-14 MJC-15 MJC-16 MJC-17	4 - 1 - 0 4 - 1 - 0 4 - 1 - 0 4 - 1 - 0	5 5 5 5		tney secure 1/3	30 30 30 30 30		70 70	100 100 100
4 - Year UG Degree		Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II Condensed Matter Physics-II Mathematical Methods in Physics II	MAJOR MAJOR MAJOR	BSCPHSMJ701 BSCPHSMJ702 BSCPHSMJ703	MJC-14 MJC-15 MJC-16	4 - 1 - 0 4 - 1 - 0 4 - 1 - 0	5 5 5		they secure 173	30 30 30	Pool	70 70	100 100
Degree (Honours with		Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II Condensed Matter Physics-II Mathematical Methods in Physics II Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty	MAJOR MAJOR MAJOR MAJOR MAJOR MINOR	BSCPHSMJ701 BSCPHSMJ702 BSCPHSMJ703 BSCPHSMJ704 See Pool	MJC-14 MJC-15 MJC-16 MJC-17 MNC-6	4 - 1 - 0 4 - 1 - 0 4 - 1 - 0 4 - 1 - 0	5 5 5 5			30 30 30 30 30	Pool	70 70	100 100 100 100
Degree		Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II Condensed Matter Physics-II Mathematical Methods in Physics II Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty Computational Physics	MAJOR MAJOR MAJOR MAJOR	BSCPHSMJ701 BSCPHSMJ702 BSCPHSMJ703 BSCPHSMJ704	MJC-14 MJC-15 MJC-16 MJC-17	4 - 1 - 0 4 - 1 - 0 4 - 1 - 0 4 - 1 - 0	5 5 5 5		30	30 30 30 30 30 See I	Pool 20	70 70 70 70	100 100 100 100
Degree (Honours with	h	Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II Condensed Matter Physics-II Mathematical Methods in Physics II Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty Computational Physics Research Methodology and Ethics	MAJOR MAJOR MAJOR MAJOR MINOR MAJOR RP	BSCPHSMJ701 BSCPHSMJ702 BSCPHSMJ703 BSCPHSMJ704 See Pool BSCPHSMJ801 BSCPHSMJ801	MJC-14 MJC-15 MJC-16 MJC-17 MNC-6 MJC-18 RPC-1	4-1-0 4-1-0 4-1-0 4-1-0 See Pool	5 5 5 5 5	25	30	30 30 30 30 30 See I	20	70 70 70	100 100 100 100 100
Degree (Honours with	h	Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II Condensed Matter Physics-II Mathematical Methods in Physics II Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty Computational Physics Research Methodology and Ethics Research Project / Dissertation	MAJOR MAJOR MAJOR MAJOR MINOR MAJOR	BSCPHSMJ701 BSCPHSMJ702 BSCPHSMJ703 BSCPHSMJ704 See Pool BSCPHSMJ801	MJC-14 MJC-15 MJC-16 MJC-17 MNC-6	4-1-0 4-1-0 4-1-0 4-1-0 See Pool	5 5 5 5 5			30 30 30 30 30 See I		70 70 70 70	100 100 100 100
Degree (Honours with	h	Students who want to undertake Statistical Mechanics-II Quantum Mechanics-II Condensed Matter Physics-II Mathematical Methods in Physics II Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty Computational Physics Research Methodology and Ethics	MAJOR MAJOR MAJOR MAJOR MINOR MAJOR RP	BSCPHSMJ701 BSCPHSMJ702 BSCPHSMJ703 BSCPHSMJ704 See Pool BSCPHSMJ801 BSCPHSMJ801	MJC-14 MJC-15 MJC-16 MJC-17 MNC-6 MJC-18 RPC-1	4-1-0 4-1-0 4-1-0 4-1-0 See Pool	5 5 5 5 5	25	30	30 30 30 30 30 See I	20	70 70 70 70	100 100 100 100 100

Abbreviations: MJ-= Major;MJC-= Major Course;MN= Minor;MNC= Minor Course; AE= Ability Enhancement; AEC= Ability Enhancement Course; SE= Skill Enhancement Course; MD= Multidisciplinary; MDC= Multidisciplinary Course; SI - Summer Internship for Certificate; SID:Summer Internship for Diploma; SIMC - Summer Internship Mandatory Course; RP= Research Project; RPC= Research Project Course; VA= Value Added; VAC= Value Added; VAC= Value Added; VAC= Vocational Course; VC= Vocational Course for Certificate; VCD= Vocational Course for Diploma; CA= Continuous Assessment, ESE= End Semester Examination, L= Lecture Hour; T= Tutorial Hour and P= Practical Hour/ Field Work and NA= Not Applicable

Note: Minor Courses (MNC): Students of a particular UG Course will choose from the Pool of Minor Courses offered by disciplines other than the major discipline opted by the student within the faculty. The student is required to opt the same Minor Discipline in the 2nd semester which he had opted in 1st semester.

Explanation: If a student of Physics Major, opts for a Minor Course offered by Chemistry in 1st semester then that student is required to continue with the Minor Course offered by Chemistry for 2nd semester.

emester	wise Pool of M	linor Courses	offered by Physics for other Disciplines within	n the Faculty											
Disciplin	6 .	G N			6 61				Sem	CA Marks		ESE	Marks		
e	Semester	Course Name		Course Type	Course Code	Course Details	L - T - P	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
	I	Mechanics and	General properties of Matter		BSCPHSMN101	MNC-1	3 - 0 - 4	5		30	15	20	35	100	
	II	Electricity and	magnetism		BSCPHSMN201	MNC-2	3 - 0 - 4	5		30	15	20	35	100	
	III	Fundamentals	of Optics		BSCPHSMN301	MNC-3	3 - 0 - 4	5		30	15	20	35	100	
Physics	IV	Fundamentals of Thermal Physics		MINOR	BSCPHSMN401	MNC-4	3 - 0 - 4	5	NA	30	15	20	35	100	NA
Phy	V	Basic Electron	cis	MINOR	BSCPHSMN501	MNC-5	3 - 0 - 4	5	IVA	30	15	20	35	100	IVA
	VI	NA				NA									
	VII	Modern Physics-I			BSCPHSMN701	MNC-6	3 - 0 - 4	5		30	15	20	35	100	
VIII		Modern Physic	es-II		BSCPHSMN801	MNC-7	4 - 1 - 0	5			30		70	100	
		035 1111		4 B! ! !!	d B ld										
		of Multidisc	iplinary Courses offered by Physics fo	r other Disciplines across		T		T	Sem	CA	Marks	ESE	Marks		
D	iscipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
1	Physics	I	Physical Science	•	MDC101	MDC-1	2 - 1 - 0	3	NA		15		35	50	
			1				I.	1	I		I.	-1	I	l l	
ol of Co	ommunication Co	ourses offered	as Ability Enhancement Courses in Semester-I												
Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem	CA	Marks	ESE	Marks	Total Marks	Sem Marks	
	iscipinie	Semester	Course Name	Course Type	Course couc	Course Dealins	L-1-1	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	1 otai Marks	Schi Marks
			English Communication Bengali Communication		AECE101										
	glish/MIL munication	I	5 Bengali Communication Hindi Communication	AE	AECB101 AECH101	AEC-1	4 - 0 - 0	4	NA		15		35	50	NA
Com	munication		Hindi Communication Urdu Communication		AECU101	†									
			<u> </u>						•				•		
ool of Co	ommunication Co	ourses offered	as Ability Enhancement Courses in Semester-III												
D	iscipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem	CA	Marks	ESE	Marks	Total Marks	Sem Marks
	iscipiliic	Semester	Course Name	Course Type				Course Crean	Credit	Practical	Theoretical	Practical	Theoretical	1 Otal Warks	Sciii Wai Ks
			English Communication Bengali Communication		AECE301										
	. / English munication	III		AE	AECB301 AECH301	AEC-2	4 - 0 - 0	4	NA		15		35	50	NA
Com	munication		Hindi Communication Urdu Communication		AECH301 AECU301										
														I I	
nester	wise Pool of Mul	ltidisciplinary (Courses offered for all Disciplines across the Facul	lties	<u> </u>	1	Γ		Com	CA	Marks	FCE	Marks		
Offered	By Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
ysics			Physical Science		MDC101										
BA		_	E-Commerce		MDC102										
litical S			Human Rights		MDC103										
ography	ducation	_	Disaster Management	_	MDC104 MDC105										
ology	ducation	_	Fitness and Wellness Application of Bio-Science	-	MDC106	_									
glish		-	Film Appreciation		MDC100										
gnon		-	Accounting for All	_	MDC107 MDC108										
mmerce			Exploring Early Medieval Bengal: C.7th		MDC109	1									
			G . OT . 100 COT		IVIDC 109	1	1					1			
story			Century CE to 1206 CE	_) (F) (C) (C)										
istory engali	s		Bangla Sahitya O Sanskriti	MD	MDC110 MDC111	MDC-1	2 - 1 - 0	3	NΔ		15		35	50	NΔ
istory engali conomics indi	S	Ī		MD	MDC110 MDC111 MDC112	MDC-1	2 - 1 - 0	3	NA		15		35	50	NA

Part	Sociology			Indian Society		MDC114			1	l						
Clusters Cluster Control Con	Philosophy			Yoga for Daily Life		MDC115										
Comparison Com						MDC116										
Decompt Application of London Service (Configuration and Mode) Marching and Mode Laburary Mode (Configuration and Mode) Mode (Configuration and Mode)	Computer Science					MDC117										
Comparing Mark Control (Mark Month States)	Botany	1				MDC118	1									
Control Cont	Computer Applications					MDC119										
Other of the Discipline Sensetur	Commerce			Microeconomics		MDC120										
Microscatics Micr	Geology			A B C D of Geology		MDC121										
Microscopies Micr																
Multi-processed Section Miles Multi-processed Section Multi-pr	Offered By Discipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit						Total Marks	Sem Marks
Souther Company Comp	Mathematics			Mathematical Science		MDC201				Creare	Tractical	Theoretical	Tractical	Theoretical		
Saminics Place Statistics Checkerstrating Moderal Regard Select District 200 CE 127 CE MIX-296 MIX-296	BBA			Business Environment		MDC202										
Thomax 2016 (25-1727 CE 100	Statistics															
Thomax 286 C8-172 CE 100 C9 1	II:-4			Understanding Medieval Bengal Select		MDC204										
Non-content File	History					MDC204										
Education Physicology Physical Education Physicology Physical Education Physicology Physical Education Physicology Physical Education Physical	Commerce			Personal Finance		MDC205		2 -1 - 0				15		35		
Psychology Computer Compute	Nutrition			Nutrition and Public Health		MDC206										
Compared Registal February Compared Registal February Communication February Communication February	Education			Educational Philosophy		MDC207										
Responsion March Sangers March Sangers More State More State	Psychology															
Narul Sangeet Flextoniets Hectroniets Hectroniets																
Flactomics Chemistry Che]						<u> </u>	
Contents Contents)ne					0- 1- 4			30		20		<u> </u>	
Critical Startey of Standard Critical Startey of Standard Name Critical Startey of Standard Name Critical Startey Contemporary Indian Waterman and Length Owner and Length Owner in Indian Issues and MDC218 Cotemporary Indian Waterman and Length Owner in Indian Issues and MDC219 New York Name MDC219 New York Name N		П			MD		MDC-2		3	NA					50	NA
Company Comp			Ā													
Hindical Badray																
Belany Reful Home Remedies Column or property India: Women and Empowement in India: Issues and Dimensions MDC219 Miscrosconomics MDC220 Miscrosconomics MDC220 Miscrosconomics MDC221 MDC221		4														
English Cotemporary India: Women and Engowerment in India: Issues and Dimensions MDC219 Monce Engowerment in India: Issues and Dimensions MDC219 Monce Engowerment in India: Issues and Dimensions MDC210 MDC210 MCCourse Code MDC210 MDC220 MDC210 MDC		4														
Empowerment Empowerment MDC218 Women Empowerment in India: Issues and Political Science MDC219 Women Empowerment in India: Issues and Dimensions MDC210 MDC210 MBC221 MDC221 MDC221 MDC221 MDC221 MDC222 MDC222	Botany	4				MDC217		2 1 0				1.5		25		
Dimensions MDC220 Macroeconomics MDC221 MDC221 MDC222 MDC221 MDC222 MDC221 MDC222 MDC232 MDC332 MDC332	English		Empowerment		MDC218		2-1-0				13		33			
Macroeconomics The Past Life on Earth Total Marks Sem Marks	Political Science					MDC219										
The Past Life on Earth	Physical Education			Yoga-Vyayama		MDC220										
Course Name Course Type Course Code Course Details L - T - P Course Credit Sem CA Marks ESE Marks Total Marks Sem Marks	Commerce															
Course Lybecophine Semester Course Name Course Lybe Course Lode Course Details L-1-P Course Credit Credit Practical Theoretical Practical Theoretical Practical Theoretical Practical Theoretical Practical Theoretical Practical Theoretical Theoretical Theoretical Practical Theoretical Th	0 1			Macroeconomics		MDC221										
Course Lybecophine Semester Course Name Course Lybe Course Code Course Details L-1-P Course Credit Theoretical Theoretical	Geology															
Bharatavarsha - A Land of Rare Natural Endowments MDC301	Geology	-														
Endowments The Vedangas and other Streams of Indian MDC302		Semester		The Past Life on Earth	Course Type	MDC222	Course Details	L-T-P	Course Credit						Total Marks	Sem Marks
Sanskrt Physics Zoology Indian Astronomy Indian Health Sciences Indian Education Indian Education Indian Education Indian Polity and Economy MDC305 Indian Education Indian Polity and Economy MDC307		Semester		The Past Life on Earth Course Name	Course Type	MDC222	Course Details	L - T - P	Course Credit						Total Marks	Sem Marks
Physics Zoology Mathematics Education Political Sc Philosophy Geology Physical Education Urdu Indian Astronomy Indian Health Sciences Indian Mathematics Indian Health Sciences Indian Health Sciences Indian Health Sciences Indian Health Sciences MDC303 MDC305 MDC306 MDC306 MDC307 MDC306 MDC307 MDC307 MDC308 MDC308 MDC309 MDC309 MDC309 MDC309 MDC309 MDC309 MDC309 MDC309 MDC310 MDC310 MDC311	Offered By Discipline	Semester		The Past Life on Earth Course Name Bharatavarsha - A Land of Rare Natural	Course Type	MDC222 Course Code	Course Details	L - T - P	Course Credit						Total Marks	Sem Marks
Indian Health Sciences Indian Mathematics Indian Mathematics Indian Education Indian Education Indian Polity and Economy MDC306 Indian Polity and Economy MDC307	Offered By Discipline Geography	Semester		Course Name Bharatavarsha - A Land of Rare Natural Endowments The Vedangas and other Streams of Indian	Course Type	MDC222 Course Code MDC301	Course Details	L - T - P	Course Credit						Total Marks	Sem Marks
Mathematics Education Political Sc Philosophy Geology Physical Education Urdu Urdu Indian Mathematics Indian Mathematics Indian Mathematics Indian Education Indian Polity and Economy MDC305 MDC306 MDC307 MDC307 MDC308 MDC308 MDC309 MDC309 MDC309 MDC309 MDC309 MDC309 MDC310 MDC311	Offered By Discipline Geography Sanskrit	Semester		Course Name Bharatavarsha - A Land of Rare Natural Endowments The Vedangas and other Streams of Indian Knowledge System	Course Type	MDC222 Course Code MDC301 MDC302	Course Details	L - T - P	Course Credit						Total Marks	Sem Marks
Education Political Sc Philosophy Geology Physical Education Urdu Indian Education Indian Polity and Economy MDC306 MDC307 Methodology of Indian Knowledge System MDC308 MDC308 MDC308 MDC308 MDC-3 2 - 1 - 0 3 NA 15 35 50 NA 15 NA 15 WEthodology of Indian Knowledge System NA NA 15 NA 15 NA 15 NA 15 NA NA NA 15 NA	Offered By Discipline Geography Sanskrit Physics	Semester		Course Name Bharatavarsha - A Land of Rare Natural Endowments The Vedangas and other Streams of Indian Knowledge System Indian Astronomy	Course Type	MDC222 Course Code MDC301 MDC302 MDC303	Course Details	L-T-P	Course Credit						- Total Marks	Sem Marks
Political Sc Philosophy Geology Physical Education Urdu Indian Polity and Economy MDC308 MDC308 MDC308 MDC308 MDC308 MDC309 MDC309 MDC309 MDC310 MDC310 MDC311	Offered By Discipline Geography Sanskrit Physics Zoology	Semester		The Past Life on Earth Course Name Bharatavarsha - A Land of Rare Natural Endowments The Vedangas and other Streams of Indian Knowledge System Indian Astronomy Indian Health Sciences	Course Type	MDC222 Course Code MDC301 MDC302 MDC303 MDC304	Course Details	L-T-P	Course Credit						- Total Marks	Sem Marks
Philosophy Geology Physical Education Urdu Methodology of Indian Knowledge System MD MDC308 MDC308 MDC-3 2 - 1 - 0 3 NA 15 35 50 NA Urdu Gajal	Offered By Discipline Geography Sanskrit Physics Zoology Mathematics	Semester		The Past Life on Earth Course Name Bharatavarsha - A Land of Rare Natural Endowments The Vedangas and other Streams of Indian Knowledge System Indian Astronomy Indian Health Sciences Indian Mathematics	Course Type	MDC222 Course Code MDC301 MDC302 MDC303 MDC304 MDC305	Course Details	L-T-P	Course Credit						Total Marks	Sem Marks
Geology Remote Sensing and GIS MDC309 Physical Education Urdu Gajal MDC311	Offered By Discipline Geography Sanskrit Physics Zoology Mathematics Education	Semester		The Past Life on Earth Course Name 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	Course Type	MDC222 Course Code MDC301 MDC302 MDC303 MDC304 MDC305 MDC306	Course Details	L-T-P	Course Credit						Total Marks	Sem Marks
Physical Education Indian Medical System and Yoga MDC310 Urdu Urdu Gajal MDC311	Offered By Discipline Geography Sanskrit Physics Zoology Mathematics Education Political Sc)ne	Course Name 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		MDC222 Course Code MDC301 MDC302 MDC303 MDC304 MDC305 MDC306 MDC307				Credit		Theoretical		Theoretical		
Urdu Urdu Gajal MDC311	Offered By Discipline Geography Sanskrit Physics Zoology Mathematics Education Political Sc Philosophy		Апу Опе	The Past Life on Earth Course Name 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		MDC222 Course Code MDC301 MDC302 MDC303 MDC304 MDC305 MDC306 MDC307 MDC308				Credit		Theoretical		Theoretical		
	Offered By Discipline Geography Sanskrit Physics Zoology Mathematics Education Political Sc Philosophy Geology		Any One	The Past Life on Earth Course Name 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 Remote Sensing and GIS		MDC222 Course Code MDC301 MDC302 MDC303 MDC304 MDC305 MDC306 MDC307 MDC308 MDC309				Credit		Theoretical		Theoretical		
Commerce Indian Economy MDC312	Offered By Discipline Geography Sanskrit Physics Zoology Mathematics Education Political Sc Philosophy Geology Physical Education		Any One	Course Name Bharatavarsha - A Land of Rare Natural Endowments The Vedangas and other Streams of Indian Knowledge System Indian Astronomy Indian Health Sciences Indian Mathematics Indian Polity and Economy Methodology of Indian Knowledge System Remote Sensing and GIS Indian Medical System and Yoga		MDC222 Course Code MDC301 MDC302 MDC303 MDC304 MDC305 MDC306 MDC307 MDC308 MDC309 MDC310				Credit		Theoretical		Theoretical		
	Offered By Discipline Geography Sanskrit Physics Zoology Mathematics Education Political Sc Philosophy Geology Physical Education Urdu		Any One	Course Name 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 Remote Sensing and GIS Indian Medical System and Yoga Urdu Gajal		MDC222 Course Code MDC301 MDC302 MDC303 MDC304 MDC305 MDC306 MDC307 MDC307 MDC308 MDC309 MDC310 MDC311				Credit		Theoretical		Theoretical		

Computer Science			Impact of Artificial Intelligence in Education	n	MDC313										
Physiology			Community Health Care		MDC314										
Pool of Value Added Cou	rses offered in	Semes	ter-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 Practical	Theoretical	ESE Marks Practical	Theoretical	Total Marks	Sem Marks
Physiology			Yoga and Health		VAC401									50	
Philosophy			Social Values and Ethics	VA	VAC402	VAC-2									
Computer Science			Digital and Technological Solutions		VAC403										NA
History	IV	One	Understanding India		VAC404		4 - 0 - 0	4	NA	15	15		35		
Economics	īv	Sustainable Dev	Sustainable Development: Issues and Challenges		VAC405			4	IVA						IVA
Commerce			Goods and Services Tax		VAC406										
Political Science			Basics of Indian Constitution	<u> </u>	VAC407										
Physical Education			Integrated Self Defence		VAC408		0-2-4			30		20			