Glocal School of Science

Program Structure (w.e.f. 2023-24)

B.Sc. (Bachelor of Science)

(Physics/Chemistry/Mathematics)

SEMESTER: III

S. No.	Subject Selection Remarks for Students	Subject	Course Code	Course Title	Teaching Load			Credits	Evaluation Scheme		Total
					L	T	P		Internal	End Sem.	
1	**Students are allowed to choose only one subject.**	**Major Course (Subject-I) Own Faculty**									
		Physics	B010301T	Electromagnetic Theory & Modern Optics	4	0	0	4	25	75	100
			B010302P	Demonstrative Aspects of Electricity & Magnetism	0	0	2	2	_	100	100
		Chemistry	B020301T	Chemical Dynamics & Coordination Chemistry	4	0	0	4	25	75	100
			B020302P	Physical Analysis	0	0	2	2	_	100	100
		Mathematics	B030301T	Algebra & Mathematical Methods	5	1	0	6	25	75	100
2	**Students are allowed to choose only one subject other than S. No. 1.**	**Major Course (Subject-II) Own Faculty (Choose any one)**									
		Physics	B010301T	Electromagnetic Theory & Modern Optics	4	0	0	4	25	75	100
			B010302P	Demonstrative Aspects of Electricity & Magnetism	0	0	2	2	_	100	100
		Chemistry	B020301T	Chemical Dynamics & Coordination Chemistry	4	0	0	4	25	75	100
			B020302P	Physical Analysis	0	0	2	2	_	100	100
		Mathematics	B030301T	Algebra & Mathematical Methods	5	1	0	6	25	75	100
3	**Students are allowed to choose only one subject other than S. No. 1 and 2.**	**Major Course (Subject-III) Own Faculty (Choose any one)**									
		Physics	B010301T	Electromagnetic Theory & Modern Optics	4	0	0	4	25	75	100
			B010302P	Demonstrative Aspects of Electricity & Magnetism	0	0	2	2	_	100	100
		Chemistry	B020301T	Chemical Dynamics & Coordination Chemistry	4	0	0	4	25	75	100
			B020302P	Physical Analysis	0	0	2	2	_	100	100
		Mathematics	B030301T	Algebra & Mathematical Methods	5	1	0	6	25	75	100
		Botany	B040301T	Flowering Plants Identification & Aesthetic Characteristics	4	0	0	4	25	75	100
			B040302P	Plant Identification Technology	0	0	2	2	_	100	100
		Zoology	B050301T	Molecular Biology, Bioinstrumentation & Biotechniques	4	0	0	4	25	75	100
			B050302P	Bioinstrumentation & Molecular Biology Lab	0	0	2	2	_	100	100
4	**Students may choose VOC/VAC courses offered by their respective schools. Alternatively, students can opt for MOOCs courses offered during the odd semester through platforms like SWAYAM, NPTEL, etc.**	**Vocational/ Skill Development Course (SEC)**									
		VOC/SEC	SEC2301	Fundamentals of Computer Science/ Computer Fundamentals	3	0	0	3	25	75	100
		OR									
		VOC/SEC	VOC/SEC2301/ MOOCs Code	MOOCs Courses offered in odd Sem via Swayam/NPTEL/etc.	3	0	0	3	25	75	100
5	**Co-curricular (Qualifying) - Course**	**Co-curricular (Qualifying)**									
		Co-curricular	Z030301	Human Values and Environment studies	2	0	0	2	25	75	100
Total					**23**						