Glocal School of Science

B.Sc. (Bachelor of Science)

(Physics/Chemistry/Mathematics)

SEMESTER: II

S. No.	Subject Selection Remarks for Students	Subject	Course Code	Course Title	Teaching Load				Evaluation Scheme		Total
					L	T	P	Credits	Internal	End Sem.	
1	Students are allowed to choose only one subject.	**Major Course (Subject-I) Own Faculty**									
		Physics	B010201T	Thermal Physics & Semiconductor Devices	4	0	0	4	25	75	100
			B010202P	Thermal Properties of Matter & Electronic Circuits	0	0	2	2	-	100	100
		Chemistry	B020201T	Bioorganic and Medicinal Chemistry	4	0	0	4	25	75	100
			B020202P	Biochemical Analysis	0	0	2	2	_	100	100
		Mathematics	B030201T	Matrices and Differential Equations & Geometry	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	B010201T	Thermal Physics & Semiconductor Devices	4	0	0	4	25	75	100
			B010202P	Thermal Properties of Matter & Electronic Circuits	0	0	2	2	_	100	100
		Chemistry	B020201T	Bioorganic and Medicinal Chemistry	4	0	0	4	25	75	100
			B020202P	Biochemical Analysis	0	0	2	2	_	100	100
		Mathematics	B030201T	Matrices and Differential Equations & Geometry	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	B010201T	Thermal Physics & Semiconductor Devices	4	0	0	4	25	75	100
			B010202P	Thermal Properties of Matter & Electronic Circuits	0	0	2	2	_	100	100
		Chemistry	B020201T	Bioorganic and Medicinal Chemistry	4	0	0	4	25	75	100
			B020202P	Biochemical Analysis	0	0	2	2	_	100	100
		Mathematics	B030201T	Matrices and Differential Equations & Geometry	5	1	0	6	25	75	100
		Botany	B040201T	Archegoniates & Plant Architecture	4	0	0	4	25	75	100
			B040202P	Land Plants Architecture	0	0	2	2	_	100	100
		Zoology	B050201T	Biochemistry and Physiology	4	0	0	4	25	75	100
			B050202P	Physiological, Biochemical & Hematology Lab	0	0	2	2	_	100	100
4	Students may choose Minor Electives courses offered by the respective schools at a time. Alternatively, students can opt for MOOCs courses offered during the Even semester through platforms like SWAYAM, NPTEL, etc.	**Minor: Elective Courses (Subject-IV)**									
		Elective Courses (Minor)	MNE1201	Fundamentals of Modern Physics / Molecular Biology	4	0	0	0	25	75	100
		OR									
		MNE/MOOCs	MNE1201/MOOCs Code	MOOCs Courses offered in odd Sem via Swayam/NPTEL/etc.	4	0	0	0	25	75	100
	Students may choose VOC/VAC courses offered by their respective schools. Alternatively, students can opt for	**Vocational/ Skill Development Course (SEC)**									
		VOC/SEC	SEC1201	Psychology of Health and wellbeing	3	0	0	3	25	75	100
		OR									

5	**Alternatively, students can opt for MOOCs courses offered during the odd semester through platforms like SWAYAM, NPTEL, etc.**	VOC/SEC	VOC/SEC1201/MOOCs Code	MOOCs Courses offered in odd Sem via Swayam/NPTEL/etc.	3	0	0	3	25	75	100
6	**Co-curricular (Qualifying) - Course**	**Co-curricular (Qualifying)**									
		Co-curricular	Z020201	First Aid and Health	2	0	0	2	25	75	100
Total					**27**						