Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

CREDIT INFO		
S.no	**Catagory**	**Credit**
1	Programme Core	23
2	Programme Elective	22
3	University Core	29
4	University Elective	6
Total Credits		80

		Programme Core							
sl.no	**Course Code**	**Course Title**	**Course Type**	**Version**	**L**	**T**	**P**	**J**	**Credit**
1	BST5001	Microbiology	Embedded Theory, Lab and Project	1	2	0	2	4	4
2	BST5002	Advanced Biochemistry	Embedded Theory and Lab	1	3	0	2	0	4
3	BST5003	Cell and Molecular Biology	Embedded Theory and Project	1	2	0	0	4	3
4	BST5004	Immunology	Theory Only	1	2	0	0	0	2
5	BST5009	Analytical Techniques in Biotechnology	Embedded Theory, Lab and Project	1	2	0	2	4	4
6	BST5010	Genetic Engineering	Embedded Theory and Project	1	2	0	0	4	3
7	BST5011	Bioinformatics	Embedded Theory and Project	1	2	0	0	4	3

		Programme Elective							
sl.no	**Course Code**	**Course Title**	**Course Type**	**Version**	**L**	**T**	**P**	**J**	**Credit**
1	BST5005	Medical Diagnostics	Theory Only	1.1	3	0	0	0	3
2	BST5006	Tissue Engineering and Regenerative Medicine	Theory Only	1	3	0	0	0	3
3	BST5007	Medical Biotechnology	Theory Only	1.1	3	0	0	0	3
4	BST5008	Industrial Biotechnology	Embedded Theory and Lab	1	2	0	2	0	3
5	BST6001	Cancer Biology and Therapeutics	Embedded Theory and Project	1	2	0	0	4	3
6	BST6002	Stem Cell Biology	Theory Only	1	3	0	0	0	3
7	BST6003	Clinical and Translational Research	Theory Only	1.1	3	0	0	0	3

			Programme Elective							
8	BST6004	Forensic Science and Technology	Embedded Theory and Project	1	2	0	0	4	3
9	BST6005	Pharmacology and Toxicology	Theory Only	1	3	0	0	0	3
10	BST6006	Medical Informatics	Embedded Theory and Project	1	2	0	0	4	3
11	BST6007	Nutraceuticals	Embedded Theory, Lab and Project	1	2	0	2	4	4
12	BST6008	Marine Biotechnology	Theory Only	1.1	3	0	0	0	3
13	BST6009	Nanobiotechnology	Embedded Theory and Project	1	2	0	0	4	3
14	BST6010	Applied Enzyme Technology	Embedded Theory and Lab	1	3	0	2	0	4
15	BST6011	Metabolic Engineering	Theory Only	1.1	3	0	0	0	3
16	BST6012	Plant Biotechnology	Embedded Theory, Lab and Project	1	2	0	2	4	4
17	BST6013	Bioremediation	Embedded Theory and Project	1	2	0	0	4	3
18	BST6014	Genomics and Proteomics	Theory Only	1	3	0	0	0	3
19	BST6015	Signal Transduction	Theory Only	1	2	0	0	0	2
20	BST6016	Cellular and Molecular Biophysics	Embedded Theory and Project	1	3	0	0	4	4

			University Core						
sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credit
1	BST6099	Masters Thesis	Project	1	0	0	0	0	14
2	EFL6097	English and Foreign Language	Basket	1	0	0	0	0	2
3	MSM5001	Biostatistics	Embedded Theory and Lab	1.1	2	0	2	0	3
4	RES5001	Research Methodology	Embedded Theory and Project	1	1	0	0	4	2
5	SET5001	Science, Engineering and Technology Project - I	Project	1	0	0	0	0	2
6	SET5002	Science, Engineering and Technology Project - II	Project	1	0	0	0	0	2
7	SET5003	Science, Engineering and Technology Project - III	Project	1	0	0	0	0	2
8	STS4777	Soft Skills M.Sc	Basket	1	0	0	0	0	2