



ROYAL GLOBAL UNIVERSITY
— GUWAHATI —

**ROYAL SCHOOL OF LIFE SCIENCES
(RSLSC)**

COURSE STRUCTURE

B.Sc. Biotechnology

B.Sc. Biotechnology

Programme Structure

1st semester								2nd semester							
Sl. No.	Subject Code	Names of subjects	L	T	P	C	TC P	Sl. No.	Subject Code	Names of subjects	L	T	P	C	TC P
Core Subjects (please use rows as required)								Core Subjects (please use rows as required)							
1		Cell Biology	4	0	0	6		1		Biophysical Chemistry	4	0	0	6	
2		Microbiology	4	0	0	6		2		Human and Animal Physiology	4	0	0	6	
3		Biochemistry	4	0	0	6		3		Genetics	4	0	0	6	
4		Practical I	0	0	6	6		4		Practical II	0	0	6	6	
Ability Enhancement Compulsory Course (AECC)*								Ability Enhancement Compulsory Course (AECC)*							
4		Communicative English - I				1		4		Communicative English - II				1	
5		Behavioural Science - I*				1		5		Behavioural Science - II*				1	
Elective: Generic GE								Elective: Generic GE							
6		GE - 1				3		6		GE-1				3	
7		GE - 2				3		7		GE-2				3	

3rd semester								4th semester							
Sl. No.	Subject Code	Names of subjects	L	T	P	C	TC P	Sl. No.	Subject Code	Names of subjects	L	T	P	C	TC P
Core Subjects (please use rows as required)								Core Subjects (please use rows as required)							
1		Basics of Biocomputing	4	0	2	6		1		Immunology	4	0	2	6	
2		Plant Physiology	4	0	2	6		2		Molecular Biology	4	0	2	6	
Ability Enhancement Compulsory Course (AECC)*								Ability Enhancement Compulsory Course (AECC)*							
3		Environmental Science				2									
4		Comm English - III				1		3		Comm English - IV				1	
Ability Enhancement Elective Course (AEEC) (Skill Based):								Ability Enhancement Elective Course (AEEC) (Skill Based):							
5		AEEC/SEC/-1*				2		4		AEEC/SEC/-2*				2	
Elective: Generic GE								Elective: Generic GE							
6		GE - 1				3		5		GE-1				3	
7		GE - 2				3		6		GE-2				3	

5th semester								6th semester							
Sl. No	Subject Code	Names of subjects	L	T	P	C	TC P	Sl. No	Subject Code	Names of subjects	L	T	P	C	TC P
Core Subjects (please use rows as required)								Core Subjects (please use rows as required)							
1		Plant & Animal Biotechnology	4	0	2	6		1		Genetic Engineering	4	0	2	6	
2		Computational Biology & Bioinformatics	4	0	2	6		2		Developmental Biology	4	0	2	6	
Ability Enhancement Compulsory Course (AECC)*								Ability Enhancement Compulsory Course (AECC)*							
3		Comm English - V				1		3		Comm English - VI				1	
Elective: Discipline Specific DSE								Elective: Discipline Specific DSE							
4		DSE - 1				6		4		DSE - 3				6	
5		DSE - 2				6		5		DSE - 4				6	