Scheme and Syllabus for B.Sc. (Biotechnology) - 2018

CHOICE BASED CREDIT SYSTEM

		SEMES	STER - I					
Group	Course Code	Title of Courses	hrs/week of	Duration of Exam		Marks		
	Code			(hrs)	IA*	Exam	Total	
Group I	BSCBTV 131	Biochemistry and Biophysics	4	3	20	80	100	2
Core Courses	BSCBTP 132	Biochemistry and Biophysics Practical	3	3	10	40	50	1
Group II Elective Courses	BSCBTCE 133	Food Technology	2	2	10	40	50	1
a) Supportive to the discipline of the study								

		SEME	STER - II					
Group	Course Code	Title of Courses	Instruction hrs/week	Duration of Exam (hrs)		Marks		Credits
	Code		III 5/ WCCK	Laum (ms)	IA*	Exa	Total	
						m		
	BSCBTV	Cell Biology and	4	3	20	80	100	2
Group I	181	Genetics						
Core	BSCBTP	Cell Biology and	3	3	10	40	50	1
Courses	182	Genetics Practical						
Group II	BSCBTCE	Bioprocess Technology						
Elective	183		2	2	10	40	50	1
Courses								
b) Providing								
an expanded								
scope								

		SEMES	STER - III					
Group	Course Code	Title of Courses	Instruction Duration hrs/week of Exam				Credits	
	Code		111 0, 11 0011	(hrs)	IA*	Exam	Total	
Group I Core Courses	BSCBTV 231	Microbiology and Immunology	4	3	20	80	100	2
	BSCBTP 232	Microbiology and Immunology Practical	3	3	10	40	50	1
Group II Elective Courses c) Nurturing students proficiency/skill	BSCBTCE 233	Advanced Biotechniques	2	2	10	40	50	1

		SEMEST	TER - IV					
Group	Course Code	Title of Courses	Instruction hrs/week	Duration of Exam		Marks	Credits	
				(hrs)	IA*	Exam	Total	
Group I Core Courses	BSCBTV 281	Molecular Biology and Recombinant Technology	4	3	20	80	100	2
	BSCBTP 282	Molecular Biology and Recombinant Technology Practical	3	3	10	40	50	1
Group II Elective Courses d) Enabling an exposure to some other	BSCBTOE 283	Biotechnology in Daily Life	2	2	10	40	50	1
domain								

	SEMESTER - V										
Group	Course Code	Title of Courses	Instruction hrs/week	Duration of Exam				Credits			
				(hrs)	IA*	Exam	Total				
	BSCBTV 331	Plant Biotechnology	3	3	20	80	100	2			
Group I Core Courses	BSCBTV 332	Animal Biotechnology	3	3	20	80	100	2			
	BSCBTP 333	Plant Biotechnology Practical	2	3	10	40	50	1			
	BSCBTP 334	Animal Biotechnology Practical	2	3	10	40	50	1			

		SEMES	TER - VI					
Group	Course Code	Title of Courses	Instruction hrs/week	Duration of Exam			Credits	
				(hrs)	IA*	Exam	Total	
	BSCBTV 381	Environmental Biotechnology	3	3	20	80	100	2
Group I	BSCBTV 382	Biostatistics and Bioinformatics	3	3	20	80	100	2
Core Courses	BSCBTP 383	Environmental Biotechnology, Biostatistics and Bioinformatics Practical	2	3	10	40	50	1
	BSCBTP 384	Project	2	3	10**	40	50	1

^{*}Based on internal test or tests

^{**}Continuous assessment during project