



Semester II																		
Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing					Credit	
						Internal			External			Total	Internal			External		Total
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
(Mandatory)																		
MIM-321	Modern Industrial Microbiology and Biotechnology	Core	2			10	20	10	60		100				24		40	2
MIM-322	Molecular Wine Microbiology: Science and Technology	Core	3			20	20	20	90		150				36		60	3
MIM-323	Gene Technologies for Microbial Biomolecule Production	Minor	3			20	20	20	90		150				36		60	3
MIM-324	Genomics and Bioinformatics	Minor	2			10	20	10	60		100				24		40	2
PGL-321	Industrial Microbiology Laboratory (Practical)	Core			6	20	25	15		90	150					36	60	3
PGL-322	Diversity and Genomics Exploration Laboratory (Practical)	Core			6	20	25	15		90	150					36	60	3
MNP-323	Micro Project	MNP			6	20	25	15		90	150					36	60	3
ACT-324	Academic Tutorials	AT		2		10	20	10	60		100						40	2
SEM-325	Seminar	SBS	2			10	10		30		50						20	1
OEC-326	Open Elective Course	OEC			4	10	15	15		60	100					24	40	2
<b>Total</b>			12	2	22	150	200	130	390	330	1200							24

Semester III																		
Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
	(Mandatory)																	
MIM-331	Mastering Brewing Science: Quality and Production	Core	3			20	20	20	90		150				36		60	3
MIM-332	Functional Metagenomics: Tools and Applications	Minor	4			20	40	20	120		200				48		80	4
PGL-331	Recombinant DNA Technology for Microbial Industry (Practical)	Core			6	-	-	-	90	60	150				36	24		3
MNP-332	Major Project	MRP			14	45	45	50	140	210	350					56	140	7
ACT-333	Academic Tutorials	AT		2		10	20	10	60		100						40	2
SEM-334	Seminar	RBS	2			10	10		30		50						20	1
BCL-335	Blended Course	BC			4				60	40	100						40	2
	<b>Total</b>		9	2	24	105	135	100	590	310	1100							22

Semester IV																		
Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
	(Mandatory)																	
MIM-341	Ethics/ Biosafety/ IPR	Minor	3			20	20	20	90		150				36			3
BIL-342	Big Idea	MRP			20				360	240	600					96	240	12
BCL-343	Blended Course	BC			4				60	40	100						40	2
	<b>Total</b>		3	0	24	20	20	20	510	280	850							17

L- Lecture, T-Tutorial, P-Practical, CA- Continuous Assessment, MSE- Mid Semester Examination, ESE- End Semester Examination, PR-Practical, TW-Term Work