

M.Sc., Plant Biology and Plant Biotechnology

YEAR OF IMPLEMENTATION : 2012										YEAR OF IMPLEMENTATION : 2016									
Sem	Course Code	Course Title	OLD/NEW	% of Modification	NET- Yes/No	% of Inclusion	Skill Development	Entrepreneurs hip	Employability	Sem	Course Code	Course Title	OLD/NEW	% of Modification	NET- Yes/No	% of Inclusion	Skill Development	Entrepreneurs hip	Employability
I	BT 1825	Molecular Biology & Mol. Genetics	New	30	Yes	60	✓		✓	I	16PBT1MC01	Cell and Developmental Biology	New	100%	Yes	90%	✓		✓
I	BT 1826	Biochemistry & Biophysics	New	50	Yes	80	✓		✓	I	16PBT1MC02	Biochemistry	New	100%	Yes	90%	✓		✓
I	BT 1827	Microbiology	New	80	Yes	50	✓		✓	I	16PBT1MC03	Microbiology	Old	40%	Yes	90%	✓		✓
I	BT 1828	Immunology & Immunotechnology	Old	20	Yes	80	✓		✓	I	16PBT1MC04	Immunology	New	100%	Yes	90%	✓		✓
I	BT 1829	Practical I (Mol.Bio&Mol Gen./Biochem&Biophy.)	New	50	Yes	10	✓		✓	I	16PBT1MC05	Lab - I (Cell &Dev. Bio / Bio.chem.)	New	100%	Yes	20%	✓		✓
I	BT 1830	Practical II (Microbiology/	New	50	Yes	10	✓		✓	I	16PBT1MC06	Lab - II (Microbiology/ Immunology)	New	100%	Yes	20%	✓		✓
II	BT 2823	Gene Manipulation Technology	Old	20	Yes	60	✓			II	16PBT2MC01	Molecular Biology and Genetic Engineering	New	100%	Yes	90%	✓		✓
II	BT 2824	Bioinformatics & Research Methods	New	100	Yes	25	✓	✓		II	16PBT2MC02	Fermentation Technology	New	100%	Yes	40%	✓		✓
II	BT 2825	Enzymology & Enzyme Technology	old	40	Yes	25	✓			II	16PBT2MC03	Environmental Biotechnology	Old	30%	Yes	20%	✓		✓
II	BT 2826	Environmental Biotechnology	old	30	Yes	25	✓		✓	II	16PBT2MC04	Lab - III (Mol.Bio&Gen.Eng/ Fer.Tech / Env. Biotech.)	New	100%	Yes	20%	✓		✓
II	BT 2827	Practical III (Gene Manip. Tech / Bioinform&	New	50	Yes	10	✓		✓										
II	BT2828	Practical IV (Enzy.Tech./ Env. Biotech.)	New	50	Yes	10	✓		✓										
II	BT 2955	Cell Signaling	New	100	Yes	100	✓			II	16PBT2ES01	Human Genetics	New	100%	Yes	20%	✓		
II	BT 2956	Cancer Biology	New	100	Yes	50	✓			II	16PBT2ES02	Bioanalytical Techniques	New	100%	Yes	20%	✓		
II		Summer Internship	New	100			✓												
III	BT 3822	Animal Biotechnology	New	60	Yes	20	✓		✓	III	16PBT3MC01	Animal Biotechnology	Old	40%	Yes	20%	✓		✓
III	BT 3823	Plant Biotechnology	Old	30	Yes	20	✓		✓	III	16PBT3MC02	Plant Biotechnology	Old	40%	Yes	20%	✓		✓
III	BT 3824	Nanotechnology& Medical Biotechnology	Old	30	No		✓		✓	III									
III	BT 3825	Bioprocess &Pharmaceutical technology	New	50	Yes	20	✓	✓	✓	III	16PBT3MC03	Research Methodology and Bioinformatics	New	100%	Yes	60%	✓	✓	✓
III	BT 3826	Practical V (Animal Biotechnology)	New	40	Yes	20	✓		✓	III	16PBT3MC04	Lab - IV (Animal Biotech. / Plant Biotech.)	New	100%	Yes	20%	✓		✓

III		Biotechnology)								III		Plant Biotech.)							
III	BT 3827	Practical VI (Plant Biotechnology)	Old	20	Yes	20	✓		✓	III									
III										III									
III	BT 3955	Molecular Pathology	New	100	Yes	20	✓			III	16PBT3ES01	Nanotechnology	old	50%	No		✓		
III	BT 3956	Functional Genomics	New	100	Yes	20	✓			III	16PBT3ES02	Cancer Biology	ols	50%	Yes	20%	✓		
III	FP 3875	Food Processing Technology / INTER DISCIPLINARY (ID)	New	100	No		✓	✓	✓	III	16PBT3ID01	Principles of Food Processing	New	100%	No		✓	✓	✓
											16PBT3TP01	Summer Internship	old	0%			✓		
III		SELF STUDY PAPER*	New	100			✓			III		SELF STUDY PAPER*	Old	0%			✓		
IV	BT 4804	Project (Dissertation & Viva voce).	old				✓			IV	16PBT4PJ01	Project	old	0%			✓		