



YEAR OF IMPLEMENTATION : 2012								YEAR OF IMPLEMENTATION : 2016							
Sem	Course Code	Course Name	OLD/NEW	% of Modification	Skill Development	Entrepreneurship	Employability	Sem	Course Code	Course Title	OLD/NEW	% of Modification	Skill Development	Entrepreneurship	Employability
								I	16 PPH 1 MC 01	Classical Mechanics	OLD	56%	✓		✓
I	PH 1817	Classical Mechanics	OLD	100%	✓		✓	I	16 PPH 1 MC 02	Electrodynamics	OLD	66%	✓		✓
I	PH 1818	Electrodynamics	OLD	100%	✓		✓	I	16 PPH 1 MC 03	Electronics and Programming	OLD	33%	✓		✓
I	PH 1819	Electronics and Programming	OLD	100%	✓		✓	I	16 PPH 1 MC 04	Mathematical Physics-I	OLD	20%	✓		✓
I	PH 1820	Mathematical Physics-I	OLD	100%	✓		✓	I	16 PPH 1 MC 05	Practical-I	OLD	10%	✓		✓
I	PH 1821	Practical-I	OLD	100%	✓			II	16 PPH 2 MC 01	Embedded System	OLD	40%	✓		✓
II	PH 2814	Embedded System	OLD	100%	✓		✓	II	16 PPH 2 MC 02	Mathematical Physics-II	OLD	50%	✓		✓
II	PH 2815	Mathematical Physics-II	OLD	100%	✓			II	16 PPH 2 MC 03	Quantum Mechanics-I	OLD	90%	✓		✓
II	PH 2816	Quantum Mechanics-I	OLD	100%				II	16 PPH 2 MC 04	Practical-II	OLD	9%	✓		✓
II	PH 2817	Practical-II	OLD	100%	✓			II	16 PPH 2 ES 01	Astrophysics	OLD	40%	✓		✓
II	PH 2955	Astrophysics	OLD	100%	✓	✓		II	16 PPH 2 ES 02	Geophysics	NEW	100%	✓		✓
II	PH 2956	Geophysics	OLD	100%	✓			II	16 PPH 2 FC 01	LIFE SKILL TRAINING	NEW	100%	✓		✓
III	PH 3814	Statistical Mechanics	OLD	100%	✓			III	16 PPH 3 MC 01	Statistical Mechanics	OLD	30%	✓		✓
III	PH 3815	Spectroscopy	OLD	100%	✓		✓	III	16 PPH 3 MC 02	Spectroscopy	OLD	30%	✓		✓
III	PH 3816	Practical-III	OLD	100%	✓		✓	III	16 PPH 3 MC 03	Practical-III	OLD	50%	✓		✓
III	PH 3875	Nano Science	OLD	100%	✓			III	16 PMA3 TP 01	Summer Training Programme	NEW	100%	✓		✓
III	PH 3954	Data Communication and Computer Networks	OLD	100%	✓		✓	III	16 PPH 3 ID 01	Nano Science	OLD	50%	✓		✓
III	PH 3955	Reactor Physics	OLD	100%	✓			III	16 PPH 3 ES 01	Crystal Physics	OLD	20%	✓		✓
IV	PH 4810	Quantum Mechanics-II	OLD	100%	✓		✓	III	16 PPH 3 ES 02	Data Communication and Computer Networks	OLD	10%	✓		✓
IV	PH 4811	Nuclear Physics	OLD	100%	✓		✓	III	16 PPH 3 ES 03	Reactor Physics	OLD	20%	✓		✓
IV	PH 4812	Solid State Physics	OLD	100%	✓		✓	IV	16 PPH 4 MC 01	Quantum Mechanics-II	OLD	30%	✓		✓
IV	PH 4813	PROJECT	OLD	100%	✓	✓	✓	IV	16 PPH 4 MC 02	Nuclear Physics	OLD	40%	✓		✓
								IV	16 PPH 4 MC 03	Solid State Physics	OLD	50%			
								IV	16PPH4P J01	PROJECT	OLD	60%	✓	✓	✓