

Proposed courses Research Project (Dissertation)

Core Courses		
Code	Course title	Credits
0503601	Thermodynamics and Heat Transfer	0
0507602	Fluid Mechanics and Machines	0
0508603	Electrical Circuits and Machines	0
0507625	Renewable Energy Systems	3
0507626	Solar Energy	3
0507627	Wind Energy	3
0507628	Energy Storage	3
0507629	Energy Conversion and Efficiency	3
0507630	Research Methodology	3
0507684	Proposal and Dissertation on a topic related to renewable energy applications	9
Total		27
Elective Courses: (6 hours)		
Code	Course title	Credits
0507617	Energy Management	3
0507618	Photovoltaic Cell Technology	3
0507619	Bio-Energy	3
0507620	Climate change	3
0507621	Materials and Manufacturing Processes	3
0507622	Modelling and Simulation	3
0507623	Environmental Impact Assessment(EIA)	3
0507624	Special Topics	3

Proposed courses Overall Program

Core Courses		
Code	Course title	Credits
0503601	Thermodynamics and Heat Transfer	0
0507602	Fluid Mechanics and Machines	0
0508603	Electrical Circuits and Machines	0
0503625	Renewable Energy Systems	3
0507626	Solar Energy	3
0507627	Wind Energy	3
0507628	Energy Storage	3
0507629	Energy Conversion and Efficiency	3
0507630	Research Methodology	3
0507631	Energy Management	3
0507632	Photovoltaic Cell Technology	3
Total		24
Elective Courses: (9 hours)		
Code	Course title	Credits
0507633	Bio-energy	3
0507634	Climate change	3
0507611	Materials and Manufacturing Processes	3
0507635	Modelling and Simulation	3
0507636	Environmental Impact Assessment(EIA)	3
0507637	Special Topics	3