

Core Courses

EG 801 ME	1st Semester	Fundamentals of Thermal Engineering	3 Credits
EG 802 ME	1st Semester	Fluid Mechanics with Engineering Applications	4 Credits
EG 803 ES	1st Semester	Energy Resources	2 Credits
EG 804 SH	1st Semester	System Mathematics	3 Credits
EG 805 ES	1st Semester	Bio Energy	3 Credits
EG 851 EE	2nd Semester	Instrumentation	4 Credits
EG 852 ES	2nd Semester	Renewable Energy Systems Technology	4 Credits
EG 853 ME	2nd Semester	Project Planning and Management	3 Credits
EG 854 ES	2nd Semester	Economics of Energy Projects	2 Credits
EG 855 SH	2nd Semester	Applied Sociology	2 Credits
EG 901 SH	2nd Semester	Research Methodology	2 Credits

A. Elective Courses

EG 902 ME		Solar Thermal Technology	4 Credits
EG 904 EX		Solar PV Technology	4 Credits
EG 903 ES		Micro Hydro	4 Credits
EG 905 ES		Bio Gas Technology	4 Credits
EG 906 ES	Any Two in 3rd Semester	Bio Fuel Technology	4 Credits
EG 907 ES		Wood Energy Technology	4 Credits
EG 908 ES		Wind Energy Technology	4 Credits
EG 909 ES		New Renewable Energy Technologies (NRETs)	4 Credits
EG 915 ES		Environmental Impacts and Climate Change	4 Credits

B. Elective Courses

EG 910 ES		Energy Planning and Management	4 Credits
EG 911 ES	Any One in 3rd Semester	Energy Auditing, Analysis and Conservation	4 Credits
EG 912 ES		System Integration	4 Credits
EG 914 ME		Design and Manufacturing	4 Credits
EG 951 ME	IV Semester	Thesis	16 Credits