

## **COURSE CATALOGUE**

### 1<sup>st</sup> Semester

S. #.	Name of Subjects	Credit Hours		Marks
		Th.	Pr.	Total
1	Fluid Flow and Heat Transfer	03	00	100
2	Renewable Energy Systems	03	00	100
3	Electricity Transmission, Distribution and Storage	03	00	100
4	Energy Systems Modeling and Simulation	02	00	50
5	Energy Systems Lab-I	00	01	50
<b>Total</b>		<b>12</b>		<b>400</b>

### 2<sup>nd</sup> Semester

S. #.	Name of Subjects	Credit Hours		Marks
		Th.	Pr.	Total
1	Clean Coal Technologies	02	00	50
2	Combustion and Pollution Control	03	00	100
3	Hydrogen Technologies and Fuel Cells	02	00	50
4	Energy Systems for Buildings	03	00	100
5	Energy System Lab-II	00	01	50
<b>Total</b>		<b>11</b>		<b>350</b>

### 3<sup>rd</sup> semester

S. #.	Name of Subjects	Credit Hours		Marks
		Th.	Pr.	Total
1	Advanced Power Generation Systems	03	00	100
2	Energy Economics and Management	03	00	100
3	THESIS	6		
<b>Total</b>		<b>12</b>		<b>200</b>