

Programme: B. Tech: Energy Engineering**Sem: 6th**

SL.NO	COURSE CATEGORY	COURSE CODE	COURSE TITLE	SUBJECT NOTES	SUBJECT QUESTION PAPERS
1	PCC	22EG61	Electrochemistry		
2	PCC	22EG62	Artificial Intelligence and Data Science for Energy Engineering		
3	PEC	22EG63X	Professional Elective Course-II		
4	PEC	22EG64X	Professional Elective Course-III		
5	OEC	22EG65X	Open Elective Course-II		
6	PCC	22EGL66	Artificial Intelligence and Data Science for Energy Engineering Lab		
7	PCC	22EGL67	Solar Energy Lab		
8	PEC	22EGL68	Virtual Lab		
9	PW	22PRJ69	Project-VI		
10	HSS	22HSM610	Professional Ethics		
11	AEC	22AEG611	Ability Enhancement Course-VI		

Professional Elective Course-II (For EG Students)	
Course Code	Course Title
22EG631	Operations Research
22EG632	Solar Energy Utilization
Professional Elective Course-III (For EG Students)	
Course Code	Course Title
22EG641	Power Generation and System Planning
22EG642	Cryogenics
Open Elective Course (For Non EG Students)	
Course Code	Course Title
22EG651	Optimization Techniques in Engineering
22EG652	Power Plant Engineering
Ability Enhancement Course-V	
Course Code	Course Title
22AEC611	Information and Communication Technology (ICT)