

**Batch Wise Approved Curriculum**From the Desk of **MUHAMMAD ABID RAFI****I**

CID	CCode	Course Title	Cr Hrs	Total Marks	Pre Requisite
2221	EN 7301	Energy Management And Policy	3	100	

3**II**

CID	CCode	Course Title	Cr Hrs	Total Marks	Pre Requisite
5967	EN-7318	Energy Resources And Utilization	3	100	

3**III**

CID	CCode	Course Title	Cr Hrs	Total Marks	Pre Requisite
2205	EE 7107	Research Methodology	3	100	
2401	EN 7102	Thermal Energy Systems	3	100	

6**IV**

CID	CCode	Course Title	Cr Hrs	Total Marks	Pre Requisite
7366	EN 9199	Dissertation	6	100	
7367	EN 8199	Thesis	6	100	

12**Electives**

CID	CCode	Course Title	Cr Hrs	Total Marks	Pre Requisite
2224	EN 7320	Advanced Alternate Energy	3	100	
2406	EN 7210	Advanced Energy Efficient Buildings	3	100	
2388	EE 7302	Advanced Instrumentation	3	100	
2345	EE 7303	Advanced Power Electronics	3	100	
2405	EN 8101	Advanced Power Plant Engineering	3	100	
2118	EE 7404	Advanced Power System Transmission	3	100	
2190	EN 8201	Advances In Environmental Sciences	3	100	
2183	EN 7111	Bio-Fuels	3	100	
2185	EN 7312	Climate Change, Its Impacts And Cdm	3	100	
2334	EN 7319	Combustion Engineering	3	100	
2145	EN 7303	Energy And Environmental Law	3	100	
2257	EN 7113	Energy Efficiencies And Conservation	3	100	
2294	EN 7115	Energy Project Management	3	100	
2372	EN 7307	Energy Storage Systems	3	100	
2404	EN 7309	Energy System Modeling Techniques	3	100	
2293	EN 7308	Energy Systems Auditing	3	100	
2184	EN 7112	Energy Transport Systems	3	100	
2147	EN 7316	Environment And Sustainable Development	3	100	
4030	EN 7201	Environmental Impact Assessment	3	100	
2373	EN 7311	Environmental Management Systems	3	100	
2402	EN 7104	Hvac	3	100	
4984	SE-602	Ms Project / Thesis	6	100	
2222	EN 7107	Nuclear Power	3	100	
2144	EN 7108	Photovoltaic Systems Technology	3	100	
2326	EN 7101	Renewable Energy Technologies	3	100	
2329	EN 7310	Risks And Hazards In Energy Sector	3	100	
2186	EN 9101	Selected Topics In Energy Engineering	3	100	
2440	EN 7117	Solar Thermal Power Plants	3	100	



HAMDARD UNIVERSITY

City Campus
Master of Engineering In Energy Engineering
SPM-2017-ME(Enr.Eng)-CC (IV Semester)

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Electives

CID	CCode	Course Title	Cr Hrs	Total Marks	Pre Requisite
2515	EN 7118	<i>Sustainable Cities</i>	3	100	
2403	EN 7106	<i>Wind Power Generation</i>	3	100	

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