

IES COLLEGE OF TECHNOLOGY, BHOPAL

B.E. (6th SEM) Assignment -1

O.M. (ME 601)

Date of issued: 11 /01/14

Date of Submission: 20/01/14

Q-1	Define Operations Management introduction.
Q-2	What is industrial and IT revolution (ERP).
Q-3	Explain employment shift from agriculture & these types.
Q-4	Define Service, customer orientation, basic process formats on product volume-variety graph.
Q-5	What are the criteria of performance, decision area, business strategy, environment scan

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B.E.(6th SEM) Assignment -1

PPE (ME 602)

Date of issued: 13/01/14

Date of Submission: 20/01/14

Q-1	What is the Introduction to methods of converting various energy sources to electric power?
Q-2	What are the direct conversion methods renewable energy sources?
Q-3	Explain solar, wind, tidal, geothermal, and bio-thermal.
Q-4	Define biogas and hybrid energy systems, fuel cells.
Q-5	What are the thermoelectric modules& MHD-Converter?

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B.E.(6th SEM) Assignment -1

Metal Cutting & CNC Machine (ME 603)

Date of issued: 13/01/14

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Q.1	Specify a centre lathe and show a block sketch of a lathe . name different part and write about their function.
Q.2	Explain classification of machine tools.
Q.3	Write in brief about the various types of lathe chucks.
Q.4	Write in about different lathe operation..

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B.E.(6th SEM) Assignment -1

Internal Combustion Engine (ME 604)

Date of issued: 13/01/14

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Q.1	Explain the different processes in S.I engines.	
Q.2	Draw the Valve timing diagram for 4-s engine.	
Q.3	What is Ignition Delay and After burning.	
Q.4	Explain Lubrication system in I. C. engine.	
Q.5	Write various type of combustion chamber.	

