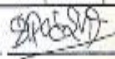


LESSON PLAN

Department Civil Engg. Class B.E.
 Subject CM Sem VIII Lect/Week 04

Lec. No.	Topics to be covered	Planned Date			Date of Actual coverage		
		Div.	Dn.	Div.	Div.	Dn.	Div.
21.	P.E.M. - assumptions & develop PERT analysis time analysis.	15	2	17	20	3	17
22.	Stock and its types	17	2	17	20	3	17
23.	Probability of completing the project	20	2	17	21	3	17
24.	Project management - Importance	21	2	17	21	3	17
25.	Objectives, functions of material management, inventory control.	22	2	17	22	3	17
26.	D-B-C analysis, E.O.G	27	2	17	27	3	17
27.	Human resource management, manpower planning	28	2	17	28	3	17
28.	Recruitment, selection training	2	3	17	27	3	17
29.	Performance evaluation of worker	2	3	17	27	3	17
30.	Financial mang. accounting & accounting principles.	6	3	17	25	3	17
31.	Sources of finance, cash flows associated with project,	7	3	17	27	3	17
32.	Time value of money	8	3	17	27	3	17
33.	Economic appraisal criteria for project.	10	3	17	29	3	17
34.	Resources, allocation method, resource smoothing	14	3	17	23	3	17
35.	Introduction to PM, the project & PRIMAVERA	15	3	17	31	3	17
36.	Project execution, record keeping, periodic progress report	17	3	17	31	3	17
37.	Updating - purpose of	20	3	17	31	3	17

Sign of Sub Teacher 

Sign of HOD. 

LESSON PLAN

Department Civil Engg. Class B.E.
 Subject CM Sem VIII Lect/Week 04

Lec. No.	Topics to be covered	Planned Date			Date of Actual coverage		
		Div.	Dn.	Div.	Div.	Dn.	Div.
	frequency of updating						
	method of updating a network.						
38.	Time cost optimization in construction project complex.	21	3	17	24	3	17
39.	definition of network.	22	3	17	24	3	17
40.	Common causes of time and cost overruns and corrective measures.	24	3	17	24	3	17
41.	Common causes of accident on construction site, cost of acc. precautions.	27	3	17	10	4	17
42.	occupational health hazards in const. industry.	25	3	17	15	4	17
43.	safety & health com.	31	3	17	27	4	17
44.	O.S.H.D.	31	3	17	27	4	17
45.	Concept of quality, quality control check list in quality control.	4	4	17	28	4	17
46.	Role of inspection in quality control.	5	4	17	24	4	17
47.	quality manual, quality assurance statistical quality control	7	4	17	24	4	17
48.	ISO 14000	10	4	17	12	4	17
49.	Need of legislation	11	4	17	25	4	17
50.	Acts applicable to Indian construction labour	12	4	17	27	4	17
	① Payment of wages act						

Sign of Sub Teacher 

Sign of HOD. 



Vidya Prasarak Mandal's
Maharshi Parshuram College of Engineering
 Time Table(2016-2017)

Branch:- Civil Engineering
 Semester:- VII

Class Room:- DGVC03

Timing	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday(Odd)
09:00 to 10:00	IE	QSV	ELE I	EE II	LSM	PROJECT
10:00 to 11:00	LSM	IE	IE	QSV	QSV	PROJECT
11:00 to 11:15	Short Break					
11:15 to 12:15	ELE I	EE II	QSV	LSM	V1-ELE-I V2-QSV V3-LSM	PROJECT
12:15 to 01:15	EE II	LSM	EE II	IE		PROJECT
01:15 to 02:15	Lunch Break					
02:15 to 03:15		PROJECT	PROJECT	ELE I	ELE I	—
03:15 to 04:15	PROJECT	V1-LSM V2-IE V3-QSV	V1-EE II V2-LSM V3-IE	V3-ELE I V2-EE II V1-QSV	V1-IE V2-ELE-I V3-EE-II	—
04:15 to 05:15						—

LSM	Limit State Method for Reinforced Concrete Structures	Mr. Shekhar Sawant	Classroom
IE	Irrigation Engineering	Mr. Ashutosh Jadhav	Classroom
QSV	Quantity Survey Estimation and Valuation	Mr. Ajay Desai	Classroom
EE 2	Environmental Engineering – II	Mr. Pratik Kulkarni	Classroom
ELE I	Solid Waste Management/ Pavement Subgrade materials	Mr. Mandar Pawar/ Mr. Venkatesh Todlvali	Environment Lab
	Practical		Classroom

Pratik Kulkarni
 Mr. Pratik Kulkarni
 Time Table In-charge

Shekhar Sawant
 Mr. Shekhar Sawant
 Head of the Department



VPM's
Maharshi Parshuram College of Engineering, Velneshtar, Ratnagiri
Department of Civil Engineering
Attendance Sheet
Industrial Waste Treatment

Academic Year: 2016-17

Class: B.E. Sem-VII

Subject: IWT

Name of the Faculty: Ms. Komal'shinde

R. No.	Name of the Student/Date	16/3/17	23/3/17	30/3/17	6/4/17	13/4/17	20/4/17	27/4/17	4/5/17	11/5/17	18/5/17	25/5/17	1/6/17	8/6/17	15/6/17	22/6/17	29/6/17	6/7/17	13/7/17	20/7/17	27/7/17	3/8/17	10/8/17	17/8/17	24/8/17	31/8/17	7/9/17	14/9/17	21/9/17	28/9/17	5/10/17	12/10/17	19/10/17	26/10/17	2/11/17	9/11/17	16/11/17	23/11/17	30/11/17	7/12/17	14/12/17	21/12/17	28/12/17	4/1/18	11/1/18	18/1/18	25/1/18	1/2/18	8/2/18	15/2/18	22/2/18	1/3/18	8/3/18	15/3/18	22/3/18	29/3/18	5/4/18	12/4/18	19/4/18	26/4/18	3/5/18	10/5/18	17/5/18	24/5/18	31/5/18	7/6/18	14/6/18	21/6/18	28/6/18	5/7/18	12/7/18	19/7/18	26/7/18	2/8/18	9/8/18	16/8/18	23/8/18	30/8/18	6/9/18	13/9/18	20/9/18	27/9/18	4/10/18	11/10/18	18/10/18	25/10/18	1/11/18	8/11/18	15/11/18	22/11/18	29/11/18	6/12/18	13/12/18	20/12/18	27/12/18	3/1/19	10/1/19	17/1/19	24/1/19	31/1/19	7/2/19	14/2/19	21/2/19	28/2/19	6/3/19	13/3/19	20/3/19	27/3/19	3/4/19	10/4/19	17/4/19	24/4/19	1/5/19	8/5/19	15/5/19	22/5/19	29/5/19	5/6/19	12/6/19	19/6/19	26/6/19	3/7/19	10/7/19	17/7/19	24/7/19	31/7/19	7/8/19	14/8/19	21/8/19	28/8/19	4/9/19	11/9/19	18/9/19	25/9/19	2/10/19	9/10/19	16/10/19	23/10/19	30/10/19	6/11/19	13/11/19	20/11/19	27/11/19	4/12/19	11/12/19	18/12/19	25/12/19	1/1/20	8/1/20	15/1/20	22/1/20	29/1/20	5/2/20	12/2/20	19/2/20	26/2/20	5/3/20	12/3/20	19/3/20	26/3/20	2/4/20	9/4/20	16/4/20	23/4/20	30/4/20	7/5/20	14/5/20	21/5/20	28/5/20	4/6/20	11/6/20	18/6/20	25/6/20	2/7/20	9/7/20	16/7/20	23/7/20	30/7/20	6/8/20	13/8/20	20/8/20	27/8/20	3/9/20	10/9/20	17/9/20	24/9/20	1/10/20	8/10/20	15/10/20	22/10/20	29/10/20	5/11/20	12/11/20	19/11/20	26/11/20	3/12/20	10/12/20	17/12/20	24/12/20	31/12/20	7/1/21	14/1/21	21/1/21	28/1/21	4/2/21	11/2/21	18/2/21	25/2/21	4/3/21	11/3/21	18/3/21	25/3/21	1/4/21	8/4/21	15/4/21	22/4/21	29/4/21	6/5/21	13/5/21	20/5/21	27/5/21	3/6/21	10/6/21	17/6/21	24/6/21	1/7/21	8/7/21	15/7/21	22/7/21	29/7/21	5/8/21	12/8/21	19/8/21	26/8/21	2/9/21	9/9/21	16/9/21	23/9/21	30/9/21	7/10/21	14/10/21	21/10/21	28/10/21	4/11/21	11/11/21	18/11/21	25/11/21	2/12/21	9/12/21	16/12/21	23/12/21	30/12/21	6/1/22	13/1/22	20/1/22	27/1/22	3/2/22	10/2/22	17/2/22	24/2/22	3/3/22	10/3/22	17/3/22	24/3/22	31/3/22	7/4/22	14/4/22	21/4/22	28/4/22	5/5/22	12/5/22	19/5/22	26/5/22	1/6/22	8/6/22	15/6/22	22/6/22	29/6/22	6/7/22	13/7/22	20/7/22	27/7/22	3/8/22	10/8/22	17/8/22	24/8/22	30/8/22	6/9/22	13/9/22	20/9/22	27/9/22	4/10/22	11/10/22	18/10/22	25/10/22	1/11/22	8/11/22	15/11/22	22/11/22	29/11/22	6/12/22	13/12/22	20/12/22	27/12/22	3/1/23	10/1/23	17/1/23	24/1/23	31/1/23	7/2/23	14/2/23	21/2/23	28/2/23	5/3/23	12/3/23	19/3/23	26/3/23	2/4/23	9/4/23	16/4/23	23/4/23	30/4/23	7/5/23	14/5/23	21/5/23	28/5/23	4/6/23	11/6/23	18/6/23	25/6/23	2/7/23	9/7/23	16/7/23	23/7/23	30/7/23	6/8/23	13/8/23	20/8/23	27/8/23	3/9/23	10/9/23	17/9/23	24/9/23	1/10/23	8/10/23	15/10/23	22/10/23	29/10/23	5/11/23	12/11/23	19/11/23	26/11/23	3/12/23	10/12/23	17/12/23	24/12/23	31/12/23	7/1/24	14/1/24	21/1/24	28/1/24	4/2/24	11/2/24	18/2/24	25/2/24	4/3/24	11/3/24	18/3/24	25/3/24	1/4/24	8/4/24	15/4/24	22/4/24	29/4/24	6/5/24	13/5/24	20/5/24	27/5/24	3/6/24	10/6/24	17/6/24	24/6/24	1/7/24	8/7/24	15/7/24	22/7/24	29/7/24	5/8/24	12/8/24	19/8/24	26/8/24	2/9/24	9/9/24	16/9/24	23/9/24	30/9/24	7/10/24	14/10/24	21/10/24	28/10/24	4/11/24	11/11/24	18/11/24	25/11/24	2/12/24	9/12/24	16/12/24	23/12/24	30/12/24	6/1/25	13/1/25	20/1/25	27/1/25	3/2/25	10/2/25	17/2/25	24/2/25	3/3/25	10/3/25	17/3/25	24/3/25	31/3/25	7/4/25	14/4/25	21/4/25	28/4/25	5/5/25	12/5/25	19/5/25	26/5/25	1/6/25	8/6/25	15/6/25	22/6/25	29/6/25	6/7/25	13/7/25	20/7/25	27/7/25	3/8/25	10/8/25	17/8/25	24/8/25	30/8/25	6/9/25	13/9/25	20/9/25	27/9/25	4/10/25	11/10/25	18/10/25	25/10/25	1/11/25	8/11/25	15/11/25	22/11/25	29/11/25	6/12/25	13/12/25	20/12/25	27/12/25	3/1/26	10/1/26	17/1/26	24/1/26	31/1/26	7/2/26	14/2/26	21/2/26	28/2/26	5/3/26	12/3/26	19/3/26	26/3/26	2/4/26	9/4/26	16/4/26	23/4/26	30/4/26	7/5/26	14/5/26	21/5/26	28/5/26	4/6/26	11/6/26	18/6/26	25/6/26	2/7/26	9/7/26	16/7/26	23/7/26	30/7/26	6/8/26	13/8/26	20/8/26	27/8/26	3/9/26	10/9/26	17/9/26	24/9/26	1/10/26	8/10/26	15/10/26	22/10/26	29/10/26	5/11/26	12/11/26	19/11/26	26/11/26	3/12/26	10/12/26	17/12/26	24/12/26	31/12/26	7/1/27	14/1/27	21/1/27	28/1/27	4/2/27	11/2/27	18/2/27	25/2/27	4/3/27	11/3/27	18/3/27	25/3/27	1/4/27	8/4/27	15/4/27	22/4/27	29/4/27	6/5/27	13/5/27	20/5/27	27/5/27	3/6/27	10/6/27	17/6/27	24/6/27	1/7/27	8/7/27	15/7/27	22/7/27	29/7/27	5/8/27	12/8/27	19/8/27	26/8/27	2/9/27	9/9/27	16/9/27	23/9/27	30/9/27	7/10/27	14/10/27	21/10/27	28/10/27	4/11/27	11/11/27	18/11/27	25/11/27	2/12/27	9/12/27	16/12/27	23/12/27	30/12/27	6/1/28	13/1/28	20/1/28	27/1/28	3/2/28	10/2/28	17/2/28	24/2/28	3/3/28	10/3/28	17/3/28	24/3/28	31/3/28	7/4/28	14/4/28	21/4/28	28/4/28	5/5/28	12/5/28	19/5/28	26/5/28	1/6/28	8/6/28	15/6/28	22/6/28	29/6/28	6/7/28	13/7/28	20/7/28	27/7/28	3/8/28	10/8/28	17/8/28	24/8/28	30/8/28	6/9/28	13/9/28	20/9/28	27/9/28	4/10/28	11/10/28	18/10/28	25/10/28	1/11/28	8/11/28	15/11/28	22/11/28	29/11/28	6/12/28	13/12/28	20/12/28	27/12/28	3/1/29	10/1/29	17/1/29	24/1/29	31/1/29	7/2/29	14/2/29	21/2/29	28/2/29	5/3/29	12/3/29	19/3/29	26/3/29	2/4/29	9/4/29	16/4/29	23/4/29	30/4/29	7/5/29	14/5/29	21/5/29	28/5/29	4/6/29	11/6/29	18/6/29	25/6/29	2/7/29	9/7/29	16/7/29	23/7/29	30/7/29	6/8/29	13/8/29	20/8/29	27/8/29	3/9/29	10/9/29	17/9/29	24/9/29	1/10/29	8/10/29	15/10/29	22/10/29	29/10/29	5/11/29	12/11/29	19/11/29	26/11/29	3/12/29	10/12/29	17/12/29	24/12/29	31/12/29	7/1/30	14/1/30	21/1/30	28/1/30	4/2/30	11/2/30	18/2/30	25/2/30	4/3/30	11/3/30	18/3/30	25/3/30	1/4/30	8/4/30	15/4/30	22/4/30	29/4/30	6/5/30	13/5/30	20/5/30	27/5/30	3/6/30	10/6/30	17/6/30	24/6/30	1/7/30	8/7/30	15/7/30	22/7/30	29/7/30	5/8/30	12/8/30	19/8/30	26/8/30	2/9/30	9/9/30	16/9/30	23/9/30	30/9/30	7/10/30	14/10/30	21/10/30	28/10/30	4/11/30	11/11/30	18/11/30	25/11/30	2/12/30	9/12/30	16/12/30	23/12/30	30/12/30	6/1/31	13/1/31	20/1/31	27/1/31	3/2/31	10/2/31	17/2/31	24/2/31	3/3/31	10/3/31	17/3/31	24/3/31	31/3/31	7/4/31	14/4/31	21/4/31	28/4/31	5/5/31	12/5/31	19/5/31	26/5/31	1/6/31	8/6/31	15/6/31	22/6/31	29/6/31	6/7/31	13/7/31	20/7/31	27/7/31	3/8/31	10/8/31	17/8/31	24/8/31	30/8/31	6/9/31	13/9/31	20/9/31	27/9/31	4/10/31	11/10/31	18/10/31	25/10/31	1/11/31	8/11/31	15/11/31	22/11/31	29/11/31	6/12/31	13/12/31	20/12/31	27/12/31	3/1/32	10/1/32	17/1/32	24/1/32	31/1/32	7/2/32	14/2/32	21/2/32	28/2/32	5/3/32	12/3/32	19/3/32	26/3/32	2/4/32	9/4/32	16/4/32	23/4/32	30/4/32	7/5/32	14/5/32	21/5/32	28/5/32	4/6/32	11/6/32	18/6/32	25/6/32	2/7/32	9/7/32	16/7/32	23/7/32	30/7/32	6/8/32	13/8/32	20/8/32	27/8/32	3/9/32	10/9/32	17/9/32	24/9/32	1/10/32	8/10/32	15/10/32	22/10/32	29/10/32	5/11/32	12/11/32	19/11/32	26/11/32	3/12/32	10/12/32	17/12/32	24/12/32	31/12/32	7/1/33	14/1/33	21/1/33	28/1/33	4/2/33	11/2/33	18/2/33	25/2/33	4/3/33	11/3/33	18/3/33	25/3/33	1/4/33	8/4/33	15/4/33	22/4/33	29/4/33	6/5/33	13/5/33	20/5/33	27/5/33	3/6/33	10/6/33	17/6/33	24/6/33	1/7/33	8/7/33	15/7/33	22/7/33	29/7/33	5/8/33	12/8/33	19/8/33	26/8/33	2/9/33	9/9/33	16/9/33	23/9/33	30/9/33	7/10/33	14/10/33	21/10/33	28/10/33	4/11/33	11/11/33	18/11/33	25/11/33	2/12/33	9/12/33	16/12/33	23/12/33	30/12/33	6/1/34	13/1/34	20/1/34	27/1/34	3/2/34	10/2/34	17/2/34	24/2/34	3/3/34	10/3/34	17/3/34	24/3/34	31/3/34	7/4/34	14/4/34	21/4/34	28/4/34	5/5/34	12/5/34	19/5/34	26/5/34	1/6/34	8/6/34	15/6/34	22/6/34	29/6/34	6/7/34	13/7/34	20/7/34	27/7/34	3/8/34	10/8/34	17/8/34	24/8/34	30/8/34	6/9/34	13/9/34	20/9/34	27/9/34	4/10/34	11/10/34	18/10/34	25/10/34	1/11/34	8/11/34	15/1
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MAHARSHI PARASHURAM COLLEGE OF ENGINEERING

Session: 2016/2017 Semester: II

Class / Branch: JE/Civil

Subject: Surveying II

Roll No.	Name of the Student	Date																														% of Attendance	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
51	Sachdevkar Divesh	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	91
52	Sala P Akash	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	85
53	Solvi Shubham	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	32	80
54	Saqmeshwar Saib	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	33	71
55	Sansare Pranav	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	34	80
56	Sathe Pranav P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	77
57	Sawant Suraj K	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	36	82
58	Shinde Akhaya S	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	37	82
59	Takhu Ganesh																																
60	Shinde Prashant	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	38	77
61	Shinde Sahil	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	39	82
62	Shirdhankar P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	40	77
63	Shitole Pranav	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	41	94
64	Sutar Siddesh C	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	42	77
65	Tikekar Sanal M	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	43	85
66	Yadav Ganesh	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	44	82

Signature of Teacher: _____

Sign of HOD: _____

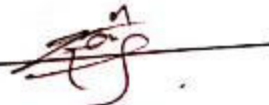
Scanned by CamScanner

Internal Assessment (IA) - Record of Marks

Class: SE Oryil Semester: VIII Subject: construction Management

Roll No	IA-1 20	IA-2 20	Average 20	Roll No	IA-1 20	IA-2 20	Average 20	Roll No	IA-1 20	IA-2 20	Average 20
V801	10	17	14	V831	14	19	17	M161			
V802	11	12	12	V832	10	13	12	M162			
V803	08	14	11	V833	10	12	11	M163			
V804	05	14	10	V834	15	17	16	M164			
V805	07	17	12	V835	19	16	18	M165			
V806	10	12	11	V836	15	17	16	M166			
V807	12	17	15	V837	12	15	14	M167			
V808	12	16	14	V838	11	11	11	M168			
V809	12	13	13	V839	14	14	14	M169			
V810	14	13	14	V840	08	10	09	M170			
V811	11	18	15	V841	12	08	10	M171			
V812	12	14	13	V842	10	09	10	M172			
V813	14	15	15	V843	09	08	09	M173			
V814	12	12	12	V844	15	19	17	M174			
V815	16	17	17	V845	11	10	11	M175			
V816	11	10	11	V846	13	11	12	M176			
V817	10	16	13	V847	12	10	11	M177			
V818	09	12	11	V848	12	12	12	M178			
V819	12	08	10	V849	08	12	10	M179			
V820	11	15	13	V850	18	19	19	M180			
V821	18	18	18	V851	13	12	13	M181			
V822	19	18	16	V852	18	14	16	M182			
V823	15	17	16	V853	15	18	17	M183			
V824	17	19	18	V854	10	18	12	M184			
V825	16	14	15	V855	19	10	15	M185			
V826	15	16	16	V856	10	15	13	M186			
V827	14	09	12					M187			
V828	13	17	15					M188			
V829	12	11	12					M189			
V830	08	17	13					M190			

Signature of Teacher: _____



A teacher affects eternity; he can never tell where his influence stops. - Henry Adams

Lesson Plan

Department mechanical Engg. Class (FT/E/TE/BE) Semester V
 Subject Diesel Engines Lectures per week 04

Lecture No.	Topic to be covered (write in brief)	Planned date		Date of actual coverage	
		Division	Division	Division	Division
01	M.U. Syllabus discussion		10/07/18		10/07/18
02	Intro. classification of ICE		11/07/18		11/07/18
03	4-2-2 cycle operation		12/07/18		12/07/18
04	Fuel-air cycle & actual cycle analysis		13/07/18		13/07/18
05	Valve timing diagram		17/07/18		17/07/18
06	LHR Engines		18/07/18		18/07/18
07	S.I. Engine fuel supply s/m.		19/07/18		19/07/18
08	A/F ratio, Carburetor		20/07/18		20/07/18
09	Injection Systems		24/07/18		24/07/18
10	Ignition Systems		25/07/18		25/07/18
11	function & working - u		26/07/18		26/07/18
12	Ignition mechanism		27/07/18		27/07/18
13	Electronic Ignition s/m		31/07/18		30/07/18
14	Transistor - u - u		01/08/18		07/08/18
15	Combustion in SI Engine		02/08/18		08/08/18
16	Ignition Delay		03/08/18		09/08/18
17	Detonation - knocking		07/08/18		10/08/18
18	factors affecting - u		08/08/18		14/08/18
19	CI Engine fuel injection		09/08/18		21/08/18
20	Airless Injection s/m.		10/08/18		22/08/18
21	fuel injectors & pumps		14/08/18		23/08/18
22	Types of nozzles		16/08/18		24/08/18
23	ECU injection s/m.		17/08/18		25/08/18
24	Combustion CI Engines		21/08/18		27/08/18
25	Stages of Combustion		22/08/18		28/08/18
26	Knocking in CI Engines		23/08/18		29/08/18
27	factors affecting - u		24/08/18		31/08/18

Signature of subject teacher Leel

Signature of HoD Leel 05/11/18

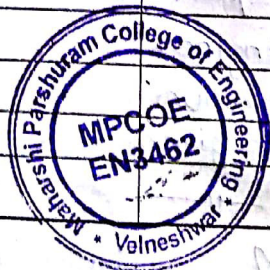
One good teacher in a lifetime may sometimes change a delinquent into a solid citizen. **Phillip Wylie**

Lesson Plan

Department _____ Class _____ Semester _____

Subject _____ Lectures per week _____

Lecture No.	Topic to be covered	Planned date		Date of actual coverage	
		Division	Division	Division	Division
28	Types of Combustion chambers.		30/08/18		03/09/18
29	Engine testing of performance		31/08/18		04/09/18
30	IP, BP, FP, fuel consumption		04/09/18		05/09/18
31	Air flow, BMEP		05/09/18		06/09/18
32	Performance characteristics of SI & CI Engine load & Speed		06/09/18		07/09/18
33	Mech. efficiencies		19/09/18		19/09/18
34	Heat balance sheet		20/09/18		20/09/18
35	Engine exhaust emission		21/09/18		21/09/18
36	Humid effect		25/09/18		25/09/18
37	Emission Control methods		26/09/18		26/09/18
38	Catalytic Convertors		27/09/18		27/09/18
39	Exhaust gas recirculation		28/09/18		29/09/18
40	Engine lubrication		03/10/18		03/10/18
41	SAE rating of oil		04/10/18		05/10/18
42	Engine cooling		05/10/18		06/10/18
43	Cooling Systems		09/10/18		09/10/18
44	Super/turbocharging		10/10/18		11/10/18
45	arrangements of oil		11/10/18		12/10/18
46	Alternate fuels		12/10/18		14/10/18
47	Basis of ECM		16/10/18		29/09/18
48	Alternate fuels.		17/10/18		03/10/18
24					
25					
26					
27					
28					



Signature of subject teacher _____

Signature of HoD _____ 05/11/18

Good teachers know how to bring out the best in students. - Charles Kuralt

Maharshi Parshuram College of Engineering, Velneswar

Session: 2018-19 Semester: 2

Subject: T.C. Engineering

Class / Branch: T.E. Mechanical

Roll No.	Names of students	Date																				% of Attendance																																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																																		
M501	Bargiri Aman Altat	A	A	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60							
502	Belwalkar Neeraj Rajendra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
503	BHADSAVALE CHINAK SUDHAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
504	Bhoirvankar Sameer Santosh	A	1	2	A	A	3	4	5	6	7	8	9	A	10	11	A	A	A	12	A	A	A	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
505	Bhatkar Sruard Suresh	A	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60								
506	Bhawe Hrishikesh Prakash	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
507	Bhasale Prasad Rajendra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
508	Bhuvad Parag Prakash	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
509	Chavan Shubham N.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
510	Chite Shubham S.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
511	Chogale Sujit Damodar	A	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60						
512	Dalvi Suyog Ramakant	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60								
513	Dawate Yogesh Mahendra	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60									
514	Dhoke Prathmesh Vishnu	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
515	Dongarra Yogesh Sanjay	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
516	Ghade Pankaj Pundalik	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
517	Ghadi Sandesh Ramesh	A	A	1	A	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60						
518	Ghug Parag Prakash	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60									
M519	Gokhale Umesh G.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
520	Gotad Rudhikesh Ravindra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
521	Haley Saurabh Anand	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60									
522	Hoeste Pankaj R.	A	A	A	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60						
523	Jadhav Ritesh S.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
524	Jadhav Rohan Rajendra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										

Roll No.	Names of students	Date																				% of Attendance																																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																								
525	Jadhav Rohan Rajendra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
526	Jadhav Rohan Rajendra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
527	Jadhav Rohan Rajendra	1	2	3	4	5	6	7	8	9																																																			

Maharshi Parshuram College of Engineering, Velneswar

Session: 2018-19 Semester: V

Class / Branch: T.E. Mechanical

Subject: I.C. Engines.

Roll No.	Names of students	Date																																																														% of Attendance							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60										
M525	Jadav Laxoj mangch	1	2	3	A	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	73						
M526	Jaso Thomas Rajmol	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27	28	29	30	31	32	A	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	89						
527	Khar Sajid Akhtar	A	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	72				
528	Khorvilko Nikhil Ranjit	1	2	3	4	5	6	7	8	9	10	A	11	12	A	13	14	15	16	17	18	A	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	72						
529	Kheekar Sivam Nagam	1	A	2	3	A	4	5	6	7	8	9	A	A	A	10	A	11	A	12	A	13	A	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	70
530	Khedkar Dnyanesh Prasad	A	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	87							
531	Khadale Anay sudhakar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	93									
532	Kinjalkar Tukar B	A	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	A	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	78						
533	Kolamkar Sagar Subhash	1	2	A	3	4	A	5	6	7	8	9	10	11	A	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	69					
534	Kotliwal Shashank V.	A	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	70					
535	Kurdiya Rahul Raju	1	2	3	4	5	6	7	8	9	10	11	12	13	14	A	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	83								
536	Kudrkar Vitarsh Ranjay	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	89								
M537	Mahamuni Omkar Dipak	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	56									
538	Mane Prana Shivaji	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	93									
539	Moyekar Mahesh Diganesh	A	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	83							
540	More Prasad Vithalbas	1	2	3	4	A	5	6	7	8	9	10	A	11	12	13	A	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	80						
541	Sunket Rajunam MPK	1	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	76								
542	More Shubham Anil	1	2	3	A	4	5	A	6	7	8	9	A	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	70					
543	Navale Pratik Shubham A	A	A	A	1	2	3	4	A	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	70				
544	Siddhesh Santosh Abhailasa	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	A	15	16	17	A	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	80						
545	Ganesh Ganganwar Okate	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	89									
546	Shubham Krishna Pagade	A	1	2	3	4	5	6	7	A	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	72						
547	Shridhar Dnyandes Patkar	A	A	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17	A	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	74					
548	Vishal Ishemraj Patil	A	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	81							

Signature of Teacher: *[Signature]*

To teach is to learn twice. - Joseph Joubert

Signature of HoD: *[Signature]*

Teachers should guide without dictating, and participate without dominating. - C.B. Neblette

Maharshi Parshuram College of Engineering, Velneswar

Session: 2018-19 Semester: V

Subject: I. C. Engines

Class / Branch: T. E. Mechanical

Roll No.	Names of students	Date																														% of Attendance			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
M549	Prenay Mahan Patil	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	80			
550	Suvaraj Santosh Patole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	72			
551	Aniket Ananda Patil	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	80			
552	Pratibha Suresh Revale	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	85			
553	Rohan Prakash Revale	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	85		
M554	Rakesh Satish Salunkhe	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	85			
555	Omkar Laxman Satri	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	30		
556	Vikas Pravin Sandim	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	87			
557	Rahul Rohidas Sawa	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	87			
558	Sayyad Tohid Mainuddin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	72			
559	Shinde Ajay Balasa	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	94			
560	Shinde Ajinkya Ganesh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	67			
561	Shinde Shubham Sankar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	91			
562	Shitke Arun C.	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	54
563	Shitke Sagar Suresh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	74			
564	Shitap Dhanuwar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	65			
565	Talkar Yash Pradip	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	80
566	Telvisildan Salil H.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	78			
567	Tekawade Nikhil H.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	91			
568	Vasave Pooja Dattaam	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	80
569	Vatkar Prayankesh Pravin	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	33
570	Zogade Sanil Sushakar	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	72		
571	Gurav Omkar Vijay	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	81			
572	Waranekar Santosh Sanjay	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	83			
M573	Pawar Sudip Vinaykumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	70			

Signature of Teacher: *[Signature]*

Signature of HoD: *[Signature]*

Everything should be made as simple as possible, but not simpler. - Albert Einstein

A teacher is one who makes himself progressively unnecessary. - Thomas Carruthers

Lesson Plan

Department Mechanical Engg. Class S.E / TE / BE Semester IV
 Subject Kinematics of Machinery Lectures per week 04

Lecture No.	Topic to be covered (write in brief)	Planned date		Date of actual coverage	
		Division	Division	Division	Division
01	M.U. Syllabus Intro.		08-01-19		
02	Kinetics of Rigid Bodies		10-01-19		
03	D'Alembert's Principle		11-01-19		
04	Work-Energy Principle		14-01-19		
05	Kinematic link, Pairs, joints		15/01/19		
06	Appl ⁿ of motion of bars.		17/01/19		
07	Appl ⁿ of motion of bars		18/01/19		
08	Inversion of chain Intro.		21/01/19		
09	Inversion of 4-bar chain		22/01/19		
10	Cranhott Law: DoF.		24/01/19		
11	Special mechanism.		25/01/19		
12	Steering gear mechanism		28/01/19		
13	St. line generating - u -		29/01/19		
14	Velo. analysis Intro.		31/01/19		
15	velo. - u - by I-Centre		01/02/19		
16	velo. - u - by I-Centre		04/02/19		
17	Relative velo. analysis		05/02/19		
18	Relative velo. analysis		11/02/19		
19	Acceleration Analysis.		12/02/19		
20	Coriolis Component		18/02/19		
21	Examples/Numericals		19/02/19		
22	Examples/Numericals		21/02/19		
23	I-Centre - u -		22/02/19		
24	I-Centre - u -		05/03/19		
25	flexible Connectors.		07/03/19		
26	Belt types, velo. ratio		08/03/19		
27	Law of Belting		11/03/19		
28	Condition of max. power.		12/03/19		

Signature of subject teacher leer

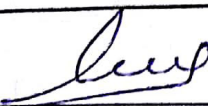
Signature of HoD leer

A teacher who loves learning earns the right and the ability to help others learn. - Ruth Beechick

Lesson Plan

Department Mechanical Engg. Class S.E / TE / BE Semester IV
 Subject Kinematics of Machinery Lectures per week 04

Lecture No.	Topic to be covered (write in brief)	Planned date		Date of actual coverage	
		Division	Division	Division	Division
29	Length of open belt & cross.		14/01/19		
30	Types of chains.		15/01/19		
31	Intro. to gears.		18/01/19		
32	Law of gearing derivation		19/01/19		
33	Contact ratio numericals		22/01/19		
34	Interference involute gears		25/01/19		
35	Min. no. of teeth numericals		26/01/19		
36	Static force analysis.		28/01/19		
37	Bevel & helical gears numerical		29/01/19		
38	Static force, wear on two wheel		01/04/19		
39	— u — Spur gear numerical		02/04/19		
40	Cam & followers,		04/04/19		
41	Motion analysis & disp. time		05/04/19		
42	velo. — time, acc. — time		08/04/19		
43	— u — for Uniform velo.		09/04/19		
44	Motion analysis of cam		11/04/19		
45	— u — — u —		12/04/19		
46	— u — Radial follower		15/04/19		
47	Layout of cam profile		16/04/19		
48	Layout of cam profile.		16/04/19		
21					
22					
23					
24					
25					
26					
27					
28					

Signature of subject teacher 

Signature of HoD 

True patience is grounded in wisdom & compassion. - Allan Lokos

Vidya Prasarak Mandal's
Maharshi Parshuram College of Engineering, Velneswar

Department of Mechanical Engineering

TEACHING PLAN

NAME OF FACULTY	Mr. Ashish D. Chaudhari		WEEKLY LOAD			
BRANCH	SEMESTER	SUBJECT	THEORY	TUT.	PRAC.	TOTAL
Mechanical	III	Thermodynamics	04	00	00	04

Course Objectives:

1. To familiarize the concepts of Energy in general and Heat and Work in particular
2. To study the fundamentals of quantification and grade of energy
3. To study the effect of energy transfer on properties of substances in the form of charts and diagrams
4. To familiarize application of the concepts of thermodynamics in vapour power, gas power cycles

Course Outcomes: Learner should be able to...


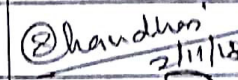

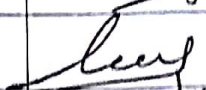
1. Demonstrate application of the laws of thermodynamics to wide range of systems.
2. Compute heat and work interactions in thermodynamics systems
3. Demonstrate the interrelations between thermodynamic functions to solve practical problems.
4. Compute efficiencies of heat engines, power cycles etc.

Lecture No.	Topics to be Covered	Planned Date	Actual Date
01	Basic Concepts & definitions: Thermodynamics and its importance, Macroscopic and Microscopic view point,	9-Jul-2018	9/7/2018
02	Concept of Continuum, Thermodynamic System, Surrounding and Boundary,	10-Jul-2018	10/7/2018
03	Control Volume approach and Systems approach, Equilibrium – Thermal, Chemical, Mechanical and thermodynamic,	11-Jul-2018	11/7/2018
04	Pure Substance, Property – Intensive and Extensive, State, Path, Process and Cycle.	12-Jul-2018	12/7/2018
05	Point Function and Path Function, Quasi Static Process	16-Jul-2018	16/7/2018
06	Quasi Static Process and processes like Isobaric, Isochoric, Isothermal, Polytropic Process, Temperature and different scales,	17-Jul-2018	17/7/2018
07	Zeroth Law of Thermodynamics, Energy, sources of energy; forms of energy, Energy transfer by work and forms of work ; free Expansion,	18-Jul-2018	18/7/2018
08	Energy transfer by heat ; Adiabatic Process, Equations of state, Ideal gas Equation-; Specific gas constant and Universal Gas Constant	19-Jul-2018	19/7/2018
09	First Law of Thermodynamics: Relation between Heat and Work- Joules Constant,	23-Jul-2018	23/7/2018
10	First law of thermodynamics for a cyclic process, First law of thermodynamics for a closed system undergoing a process	24-Jul-2018	24/7/2018

Asish
05/11/18

11	Conservation principle, First Law of Thermodynamics applied to open system – Steady Flow Energy Equation,	25-Jul-2018	25/7/2018
12	Perpetual motion Machine of First kind, Application of first law of thermodynamics to closed system or Non flow Process	26-Jul-2018	26/7/2018
13	Application of first law of thermodynamics to Open Systems like Steam Nozzle, Boiler,	30-Jul-2018	30/7/2018
14	Steam Turbine, Pump, Heat Exchanger,	31-Jul-2018	31/7/2018
15	Throttling Process – Joules Thompson Coefficient and its significance	1-Aug-2018	1/8/2018
16	Second Law of Thermodynamics: Limitation of first law of thermodynamics, Thermal Reservoir – Source and Sink,	2-Aug-2018	2/8/2018
17	Concept of Heat Engine, Heat Pump and Refrigerator	6-Aug-2018	6/8/2018
18	Second law of thermodynamics – Kelvin Planck and Clausius Statements.	7-Aug-2018	7/8/2018
19	Equivalence of Clausius and Kelvin Planck Statement, Reversible and Irreversible Process	8-Aug-2018	8/8/2018
20	Causes of Irreversibility, Perpetual Motion Machine of Second Kind, Need of Carnot theorem and its corollaries, Carnot cycle,	9-Aug-2018	13/8/2018
21	Thermodynamic Temperature Scale and its equivalence with Ideal Gas Scale	13-Aug-2018	14/8/2018
22	Entropy: Clausius Inequality, Clausius Theorem, Entropy is Property of a system,	14-Aug-2018	16/8/2018
23	Isentropic Process, Temperature Entropy Plot and its relationship with heat interactions,	16-Aug-2018	21/8/2018
24	Entropy Principle, Entropy change During a Process. Interpretation of concept of entropy	20-Aug-2018	22/8/2018
25	Thermodynamic Relations: Reciprocal Relation, Cyclic Relation Property relations, Maxwell Relations,	21-Aug-2018	23/8/2018
26	TdS equations, Heat capacity relations, Volume Expansivity,	22-Aug-2018	25/8/2018
27	Isothermal Compressibility, Clausius-Clapeyron Equation	23-Aug-2018	27/8/2018
28	Availability: High grade and Low Grade Energy, Available and Unavailable Energy,	27-Aug-2018	28/8/2018
29	Dead State, Available energy with respect to a process and a cycle,	28-Aug-2018	30/8/2018 1/9/2018
30	Decrease of Available Energy When heat is transferred through a finite temperature Difference, Second Law efficiency	29-Aug-2018	4/9/2018
31	Properties of Pure Substance: Pure substance and Phase changes: Phase change processes of pure substance,	30-Aug-2018	5/9/2018

32	Property diagrams for phase change process (T-v, T-s and p-h diagrams), Understanding of Steam Table and Mollier chart with suitable examples.	3-Sep-2018	6/9/2018 6/9/2018
33	Compressors: Reciprocating Air Compressor,	4-Sep-2018	18/9/2018
34	Single stage compressor – computation of work done, isothermal efficiency,	5-Sep-2018	18/9/2018
35	effect of clearance volume, volumetric efficiency, Free air delivery,	6-Sep-2018	19/9/2018
36	Theoretical and actual indicator diagram,	10-Sep-2018	20/9/2018
37	Multistage compressors – Constructional details of multistage compressors, Need of multistage,	11-Sep-2018	24/9/2018
38	Computation of work done, Volumetric efficiency, Condition for maximum efficiency	12-Sep-2018	25/9/2018
39	Inter cooling and after cooling (numerical), Theoretical and actual indicator diagram for multi stage compressors	18-Sep-2018	26/9/2018
40	Rotary Air Compressors- Classification, Difference between compressors and blowers, Working and constructional details of roots blower, Screw type and vane type compressors	19-Sep-2018	26/9/2018
41	Vapour Power cycle: Carnot cycle and its limitations as a vapour cycle,	20-Sep-2018	27/9/2018
42	Rankine cycle with different turbine inlet conditions,	24-Sep-2018	1/10/2018
43	Mean temperature of heat addition, Methods to improve thermal efficiency of Rankine cycle	25-Sep-2018	1/10/2018
44	Reheat cycle and Regeneration Cycle.	26-Sep-2018	3/10/2018
45	Gas Power cycles: Assumptions of Air Standard Cycle,	27-Sep-2018	3/10/2018
46	Otto cycle, Diesel Cycle and Dual cycle,	1-Oct-2018	4/10/2018
47	Brayton Cycle,	2-Oct-2018	6/10/2018
48	Sterling Cycle and Ericsson Cycle	3-Oct-2018	8/10/2018
49	Lenoir cycle	4-Oct-2018	9/10/2018
50	Atkinson cycle	8-Oct-2018	10/10/2018 10/10/2018

SUMMARY TO BE SUBMITTED TO HOD / PRINCIPAL AT THE END OF SEMESTER				
NO. OF LECTURES PLANNED	50	COMMENT OF FACULTY: 	DESIGNATION	SIGNATURE WITH DATE
NO. OF LECTURES ENGAGED	53		Subject Teacher	 2/11/18
% SYALLUBUS COVERED	90%		Class Teacher	 02/11/18
COMMENT OF HOD			Head of Dept.	 05/11/18

