

Department of Mechanical Engineering
Indian Institute of Technology Palakkad
ME 3170: Mechanical Engineering Lab 2

List of Experiments – First Cycle:

1. Performance characteristics of SI Engine (Prof. Mehta, P. S.)
2. Heat Balance Sheet of SI Engine (Prof. Mehta, P. S.)
3. Forced Convection (Dr. Giri, K. S.)
4. Free Convection (Dr. Giri, K. S.)
5. Milling Practice (Dr. Chakradhar, D.)

Batches:

A. Roll Nos.	131501001	131501009	131501014	131501020	131501026.
B. Roll Nos.	131501002	131501010	131501016	131501021	131501030.
C. Roll Nos.	131501003	131501011	131501017	131501022	131501031.
D. Roll Nos.	131501007	131501012	131501018	131501023	131501032.
E. Roll Nos.	131501008	131501013	131501019	131501025	131501033.

Laboratory Schedule for First Cycle (12 Jan 2018 to 16 Feb 2018):

Expt No.	Batch				
	A	B	C	D	E
1	12 Jan 2018	19 Jan 2018	02 Feb 2018	09 Feb 2018	16 Feb 2018
2	16 Feb 2018	12 Jan 2018	19 Jan 2018	02 Feb 2018	09 Feb 2018
3	09 Feb 2018	16 Feb 2018	12 Jan 2018	19 Jan 2018	02 Feb 2018
4	02 Feb 2018	09 Feb 2018	16 Feb 2018	12 Jan 2018	19 Jan 2018
5	19 Jan 2018	02 Feb 2018	09 Feb 2018	16 Feb 2018	12 Jan 2018

Laboratory Examination: 13 April 2018 (Tentative)

Requirements for conducting experiments in the laboratory:

1. Wearing shoes and proper dress for all the experiments.
2. Come fully prepared for the experiment in question and follow the evaluation process.
3. Know the safety requirements of the experiments *a priori* and do not violate them.
4. Submit laboratory reports in the laboratory by next day 5 pm without fail.