

Course Type	Course Code	Name of Course	L	T	P	Credit
DP3	PEC209	Petroleum Product Testing Lab	0	0	2	2

Course Objectives:

On hand training of Testing of Petroleum Products and their applications in quality control

Learning Outcomes:

Proper utilization of Petroleum Products

COURSE CONTENT:

Exp. No.	Name of the Experiment	Contact Hrs
1.	Determine surface tension of the supplied oil sample.	2
2.	Determine smoke point, flash point and fire point of the supplied oil sample.	2
3.	Determine aniline point, diesel index and cetane number of the supplied oil sample.	2
4.	Determine cloud and pour point of the supplied oil sample.	2
5.	Determine viscosity index of the supplied oil sample by redwood viscometer.	2
6.	Determine kinematic viscosity of the supplied oil sample by Saybolt viscometer.	2
7.	Determine kinematic viscosity of the supplied oil sample by Cannon Fenske viscometer.	2
8.	Determine water content of the supplied oil sample.	2
9.	Determine initial and final boiling point, evaporation loss and condensate recovered of the supplied oil sample by ASTM distillation apparatus. Draw temperature versus cumulative condensate recovered curve.	2
10.	Determine Reid vapour pressure of the supplied oil sample.	2