

 NIIST BHOPAL	NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY DEPT NAME: CHEMISTRY	FORM NO	NIIST/A/08
		REV. NO	00
		REV. DT	30/06/2011
BRANCH		LIST OF EXPERIMENTS	
SEMESTER			
NAME OF THE FACULTY:		SUBJECT/CODE : Engg. Chemistry (BT-101)	

1.	Determination of hardness of water by complexometric or EDTA method
2.	Determination of strength of sodium bicarbonate and Sodium carbonate in a given alkaline mixture
3.	Determination of viscosity of heavy oils by Redwood Viscometer-I.
4.	Determination of viscosity of heavy oils by Redwood Viscometer-II.
5.	To determine the Flash point and Fire point of a given oil by Pensky Martin's apparatus
6.	To determine the Flash point and Fire point of a given oil by Abel's closed apparatus
7.	To determine the Flash point and Fire point of a given oil by Cleveland open cup apparatus
8.	. To determine ash content in a given coal sample by Proximate analysis