



Techno India NJR Institute of Technology

Department of Basic Science

Teaching & Examination Scheme

B.Tech. I/II Semester

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For Techno India NJR Institute of Technology
पंकज पोखरेल
Dr. Pankaj Kumar Porwal
(Principal)



Techno India NJR Institute of Technology
Academic Administration of Techno NJR Institute
Syllabus Deployment

Name of Faculty: Dr. Yasmin
Subject: Chemistry lab
Department: Department of Basic Sciences.
Total No. of Labs Planned: 10

Subject Code: 1FY2-21/ 2FY2-21
SEM: I/II

List of Experiments

Labs No.	Name of Experiment
1	Determination the hardness of water by EDTA method
2	Determination of residual chlorine in water
3	Determination of dissolved oxygen in water
4	Determination of the strength of Ferrous Ammonium sulphate solution with the help of $K_2Cr_2O_7$ solution by using diphenyl amine indicator
5	Determination of the strength of $CuSO_4$ solution iodometrically by using hypo solution
6	Determination of the strength of NaOH and Na_2CO_3 in a given alkali mixture
7	Proximate analysis of Coal
8	Determination of the flash & fire point and cloud & pour point of lubricating oil
9	Determination of the kinematic viscosity of lubricating oil by Redwood viscometer no. 1 at different temperature
10	Synthesis of Aspirin/ Paracetamol

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