**COURSE CODE : BS 105**

**COURSE TITLE** : **ENGINEERING CHEMISTRY LABORATORY I**

**UNIVERSITY : DIBRUGARH UNIVERSITY**

**SEMESTER : FIRST SEMESTER**

**L:T:P : 0:0:2**

**CREDIT : 01**

**End sem. Examination for this course will carry 50 marks**

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| Experiments | List of experiments | Contact hrs |
| 1 | Determination of total hardness of water by edta method . | 12 |
| 2 | Determination of acidity / alkalinity of water sample. |
| 3 | Determination of available chlorine in bleaching powder. |
| 4 | Determination of percentage of copper in brass. |
| 5 | Estimation of fe2 volumetrically. |
| 6 | Qualitative detection of constituents of any two alloys: --- brass, bronze, nichrome, German silver and gun metal, type metal , monel metal. |