**GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY**

**G-8 AREA, RAJOURI GARDEN, NEW DELHI**

**Course: Workshop Technology B.Tech. (Common to all Branches)**

**Semester: IInd Subject Code: ES164**

**Credit: 1 Period: 2**

**List of Experiments**

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| **Sr.No.** | **Name of Experiments** | **No of Classes** |
| 1 | Workshop Layout  Study of safety precautions used in workshop  Study of tools used in workshop | **02(04Hrs)** |
| 2 | Study of machines tools (Lathe, milling, shaper) | 02(04Hrs) |
| 3 | Preparation of weld joint using electric arc welding( Butt and Lap joint) | 02(04Hrs) |
| 4 | Preparation of sheet metal joints: Single seam joints  double seam joints  rivet joints  Sheet metal box | 02(04Hrs) |
| 5 | Preparation of Fitting job | 02(04Hrs) |