



## Department event LATHE war (Mech)

### **Description:**

The mighty lathe was invented many years ago, and still holds its own against newer machines. Turn metal stock into a finished product and you could be a Lathe Warlord!

### **Objective:**

Lathe War is the lathe job competition which demands Mfg. Techniques with higher dimensional accuracy and mfg. skills to the higher surface finish. The job is the depiction of the participants skills and knowledge.

### **Instruction:**

- The Apron should be bring by the participant same will not be provided
- The participants must carry a valid college ID and registration receipts
- The total duration of event per batch is 45 min.
- The cutting tool should be bring by the participant same will not be provided

### **Elimination:**

- Round 1-The plan of elimination is to divide the actual sequence of operations in 2 parts. The participants will be provided with the part print of the actual job drawing. The actual inspection of the job will be evaluated on the basis of following criteria i.e. job completion, accuracy, finishing.
- Round 2:The participants will be rated objectively by the judges and selected candidates will make it to the net stage of the job. The next stage of the event will have more complexity of operation. The total event time will be 40 min. so including the elimination round, each batch of 10 participants will take 1hr 15min with inspection. The final inspection will be done again by the judges and accordingly the total no. of points will be updated in the spreadsheet at the end.

### **Scoring:**

- The evaluation is based on the points system & it will be of objective type. The judging will be done by the experts & it will be evaluated on the criterion of job completion, accuracy, finish, time taken, in the descending order of preference. The final result will be based on job evaluation.