



Registration Link

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Technical Event: LATHE STRIFE (Lathe Machine Job Competition)

Coordinator: Er. Gagandeep Singh

A Brief

A brief **LATHE STRIFE (Lathe Machine Job Competition)** typically involves skilled machinists showcasing their proficiency in operating a conventional lathe machine. The competition is designed to evaluate practical machining skills, technical understanding, precision, and time management under controlled conditions.

Objective

- To assess the practical skills of participants in performing various lathe operations.
- To promote accuracy, efficiency, and safe working practices in machining.
- To encourage students to apply theoretical knowledge in real-time machining tasks.
- To enhance confidence and technical competency in conventional lathe operations.

Key Highlights

- **Material Shaping:** Competitors may be asked to perform operations like turning, facing, drilling, or threading.
- **Precision:** Focus on achieving specific dimensions and tolerances on the workpiece.
- **Time Management:** Completing the assigned job within the stipulated time while maintaining high standards of accuracy.

Outcome

To provide competitors with the opportunity to demonstrate their skills and knowledge in the field of **Conventional Lathe** through practical and theoretical application.

Eligibility Criteria: ITI / Diploma (Mechanical Engineering) / B.Tech (Mechanical Engineering)

Duration: 30 Minutes

Categorization: Individual

Rules and Regulations

1. Five (5) participants can perform at one instant time on one machine (batch-wise).
2. Participants will be provided with drawing details on the spot.
3. Participants will be given half an hour for performance.
4. Disqualification if a participant performs unsafe practices.
5. Negative marking for violation of rules.
6. The decision of the judges shall be final and binding.
7. Tiebreaker scenario will be conducted in case multiple participants achieve the same score, based on speed test and precision test.
8. Cell phones are strictly not permitted on the shop floor.

Safety Rules

- Emphasis on safety rules and regulations, including mandatory use of safety goggles and proper handling of tools and equipment.
- Jewelry such as rings, bracelets, necklaces, or any item deemed unsafe by competition judges shall be removed.
- Any attire deemed unsafe by competition judges will not be permitted.

***Material will be Provided**