**LUB Engineers Day Competition 2023**

**Pre-Evaluation Criteria & Marks Breakup**

A - Case Study Presentation on Quality Concept (Quality Circle, Lean Quality circle/ Lean Safety Circle, Kaizen, 5-S Concept, WCM/TPM Circle, Six Sigma concept, Poka Yoke concept, HR Case Study, Any Other Allied Team Concept)

B – New Projects (Innovation concept and implementation)

1. Selection of Problem/Selection of Project – 5

Define Your Process and Product

Methodology of Identification of different Problems/Projects in Organisation

2. Define the problem/project – 10

Selection Of Problem/Project – Specific for current presentation study

Exact Definition of problem/project in 4W1H

3. Measurement of data on problem or Project /problem-project idea analysis – 10

Analysis of problem/project

Find out Possible Causes of problem / Possible ideas on project

4. Analysis of the problem for root cause /project for idea implementation – 20

Root Cause Analysis / project idea analysis

Development of solution on root cause / project idea implementation

5. Implementation of the solution – 20

Trial Implementation

Check for performance

6. Tangible / Intangible Gains – 10

Tangible Gains (Productivity, Quality, Cost, Delivery, Safety)

Intangible Gains (House Keeping, Moral, Energy, Environment, society)

7. Control/follow-up – 10

Solution Sustenance Methodology

Horizontal Deployment

8. Idea Sheet and Implementation in One Page – 5

9. Time – 5

Presentation: 10 Min & Question/Answer Session : 5 Min

10. Presentation and communication Skill – 5