Random Vibration Response analysis was performed using acceleration spectrum density curve. Response was obtained up to frequency of 130 Hz (First mode of Bracket is 55.14 Hz). Equivalent RMS Stress was used for fatigue life calculation.

Business Impact
- Product Testing time reduced by 30%

Scope
- Design a secure system that will allow the remote control of a scissor lift.

Highlights
- Random Vibration Response analysis was performed using acceleration spectrum density curve.
- Response was obtained up to frequency of 130 Hz (First mode of Bracket is 55.14 Hz).
- Equivalent RMS Stress was used for fatigue life calculation.