

## Taguchi's Statement:-

The term Quality Engineering encompasses a broad range of engineering and operational activities. Whose aim is to ensure that products quality characteristics are at their target value.

Taguchi has an important influence on the specification on product and process parameters, especially in the design area - both product and process design.

- 1- Robust Design
- 2- Unit to Unit Noise Factors
- 3- Internal Noise Factors
- 4- External Noise Factors

External Noise factor -

Internal and external noise factors constitute what we have previously called assignable variation.

A Robust design is one in which the function and performance of the product are relatively insensitive to variations in any of the noise factors.