

3Day training Programme on Basic Metrology	One Page Report
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Date: 18th January 2020

Name of Programme: *3Day training Programme on Basic Metrology*

Academic year: *2019 -20*

Name of Organization with address: *Advance Measuring system, Gokul Shirgaon MIDC, Kolhapur*

Objectives of Training:

1. Understand various aspects of metrology.
2. Incorporate selection of proper gauges, instruments, and equipments
3. Understand importance of NABL laboratory.
4. Understand concept of SPC
5. Understand importance of GD & T.
6. Carry out their work effectively
7. Hands on training by industrial experts and to get exposure to commercial drawings.

Contents of Training:

1. Module-I : Basic knowledge on gauges, instruments and equipments with their selections, accuracy, errors, in measurements.
2. Module-II : Industrial importance of NABL, SPC, MSA & repeatability and reproducibility, Cp & Cpk
3. Module III: General information on engineering drawing with knowledge of fits, limits, tolerances. Formal information on geometrical dimensioning and tolerancing which is the today's trends, in using the same in automotive and mass producing industries

Outcomes of training:

After undergoing the programme, the students are able to

1. Understand various aspects of metrology.
2. Incorporate selection of proper gauges, instruments, and equipments
3. Understand importance of NABL laboratory.
4. Understand concept of SPC

5. Understand importance of GD & T.
6. Carry out their work effectively
7. Hands on training by industrial experts and to get exposure to commercial drawings.
8. After training, the students can get job opening in following areas-QC Supervisor, and also get placements in Quality control/assurance, design and Production Departments.

Class and division	No. of students present
TE(A,B,C)	49

Date and Time of Training: 13th to 15th Jan 2020, 10 am to 4:30 pm.

