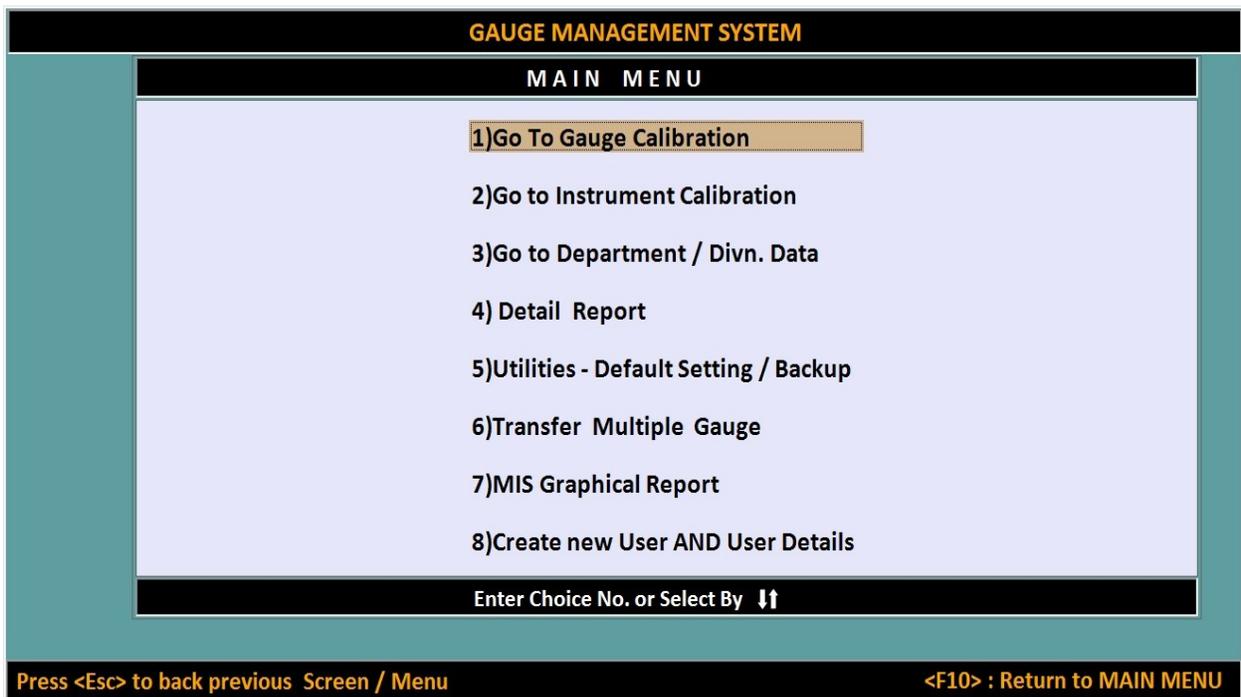


## Gauge & Instrument Calibration

**Challenge:** Our customer is one of India largest two wheeler manufacturer. As a result of which they have to calibrate their instruments and gauges from time to time. They already had an application/software with them but it was made in Foxpro. The reports were available only in tabular form and no graphical reports were available. Foxpro program was running but there were some issues they were facing like the print command could not run and hence no reports could be printed. Also, only windows '98 would properly support it. Further, having made it in Foxpro the user interface ran completely only on keystroke commands.

**Solution by Arun InfoTech:** Arun Info tech designed a brand new solution for them which ran on Windows XP and above. This was a desktop application. The use of this software was done to basically manage the gauges and instruments calibration data/record as per the standards. The measurement of gauges and instruments is done every 120 days or 180 days and then it is checked against the applicable standards. Easy to understand reports are now available in graphical as well tabular format. The reports can now be printed and referred to physically as well.



## Details of The Workpiece Diamention Related To The Gauge:

**DETAILS OF WORKPIECE DIMENSIONS RELATED TO THE GAUGE**



**Plain Plug-Cylindrical(full/Segmental/Bar)**

**HELP !!**

Select below the format in which you are going to enter the Workpiece dimensions with tolerance<which the gauge has to check>.

If you choose Option:1,you can then enter a Basic Workpiece Size followed by TOLERANCE GRADE-like "H7" or "g6" etc.<depending on whether the Workpiece is a Hole or a Shaft> and then the actual UPPER\_LOWER DEVIATION VALUES of Tolerance.<for example,say +0.005/-0.050>.

If you want listing of standard Tolerance Grades, Enter blank. you can then pick the grade from the list and get tolerance value automatically

Basic Workpiece (hole) size (mm)	: 12.0000
Tolerance Grade (if any) (mm)	: H9
1) Upper Deviation (NOGO)	: 0.0430
2) Lower Deviation (GO)	: 0.0000

Are the Entries Okay? Say [Y]es or [N]o :[ ]

## Instrument Calibration Database:

**INSTRUMENT CALIBRATION DATABASE**

Enter Choice No. or Select By ↓↑

- 1) RECORD an Instrument data and Calibrate
- 2) CALIBRATE existing Instrument
- 3) DEFINE Instrument Type
- 4) DELETE Instrument Data
- 5) TRANSFER Instrument to another Dept.
- 6) VIEW / PRINT Instrument Data

Press <Esc> to ExitSelect and Press <Enter> to Continue

