

### **Report on the workshop conducted for the BIS artisan training programme**

The programme was conducted on the 14<sup>th</sup> and 15<sup>th</sup> of March 2011. It consisted of a group of nine artisans.

The morning session comprised of inauguration of the programme by the BIS Head, Mr. P. Mohan Sc-E (Director & Head), Col. S.K.Arora Head of IIGJ. Emphasis was laid on the failures in hallmarking. They were explained in detail how to avoid failures in hallmarking. This was done through audio visual presentations by Mr. Uttamkumar Das, Faculty IIGJ.

The next day theory continued. Emphasis was laid on working with cadmium free solders. Use of Indium metal for making solders was explained in detail. Mathematics involved in the jewellery trade for estimating the amount of metal needed was explained. Working with different metals was also explained.

Later the artisans were shown the new techniques of laser welding. Manuals were handed out to them.

The workshop concluded with clearing the doubts raised by the artisans. The programme was conducted by the faculty of IIGJ comprising of Mr. Uttamkumar Das and Mr. Vinod Katkar.