

Introduction to Basic Jewellery Making

INTRODUCTION

This is to beginner's course in Jewellery Making. Participants will get a systematic introduction and hands on experience from alloying metals to the finished Jewellery Product.

Topics like alloying, preparing metal sheet & wire, the basic bench working skills sawing, filing, assembling, soldering and finishing will be introduced. Accuracy in planning and manufacturing is the main objective. It will help participants to begin their career as model makers and jewellers. Designers will benefit by understanding and exploring various design possibilities and manufacturing their own Jewellery pieces. Craft person can diversify their careers into the Jewellery field.

This course can be link in further courses in the field of jewellery design and manufacture.

Duration	80 sessions 8 weeks, full time course
No. of Seats	10
Eligibility	S S C, Knowledge of English
Fees	Rs. 35,000/- by Demand Draft / Cheque
Certification	90% attendance and submission of all the Exercises and tasks set in the course with Satisfactory level is necessary.
Assessment	Only internal grading / assessment to gauge the skills acquired for the candidate.
Target group	Jewellers, Students, Craft Persons, Designers, Art lovers and Interested Persons.

COURSE CONTENTS

Manufacturing Technology

Orientation & Introduction to workshop – tools / equipments / bench

Metallurgy & Studio Chemistry

Handling metals – ferrous / non ferrous/precious

- basic properties
- melting, annealing, rolling & drawing

Hardworking Skills / Basic bench work

- tools & measurements
- sawing & filing
- drilling & burring
- milling & turning
- forging & bending
- chasing & doming

Joining / Fabrication Techniques

- soldering – solders & fluxes
- fusing & welding
- screws & bolts
- pinning & reverting

Alloying – Ag, Au & pt.

- practical alloying of Ag – 925
- Silver Wire & Sheet Fabrication
- Wire drawing
- Sheet making – tube making

Finishing Techniques

- Grinding & sanding
- mechanical polishing
- pressure polishing
- electrolytic polishing

Introduction to Linking, Hinging, Clasps & Findings

Introduction to Settings

- channel & invisible
- prong & pave
- bezel, flush & certain other stylized versions

Plating Techniques

Production Control & Management

Factory Visit – casting, hollow, or hand made (22kt)

Note : Each of this particular subject has theory & practical exercises, some of them have one & some multiple.