

3rd
Batch

Commencing Shortly

Certificate Course in Science and Technology of Gemstones

Offered by



INDIAN PHYSICS ASSOCIATION

(Pune Chapter)

c/o Department of Physics, University of Pune

in association with

PRIME DESIGNS

Manoj Kunj, 45/3 Pune 411052

MAJOR STUDY TOPICS

- Gem Materials
- Crystallography
- Physical & Optical Properties
- Gemmology Instrumentation
- Gemstone Geometries
- Study of Important Gemstones
- Gem Testing & Identification
- Principles of Diamond Grading
- Synthesis of Gemstones
- Gem Enhancement Treatments
- Intro. to Advanced Techniques like SEM, EDS, XRD, FTIR, PL and CVD

INTENDED PARTICIPANTS

- Aspiring Gemmologists
- Gemstone Dealers
- Jewellery Designers
- Gem R&D/Lab Managers
- Jewellery Makers
- Gemstone Hobbyists
- Entrepreneurs setting up:
 - Synthetic Gemstone Manufacturing Plants
 - Gem Treatment Facilities
 - Cutting & Polishing Units
 - Gem Testing Laboratories

Duration: 6 Weeks - 5 days per week
Evening Batches

Venue: Physics Dept., University of Pune

Course Fee: Rs. 7500/- including hand-outs

Payable by cash/DD/local cheque in favour of *Indian Physics Association*

For Enrolment Contact:

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