



**LOOKING BACK,  
WITHIN AND AHEAD**  
Celebrating Indigenous Wisdom



## **INSTRUCTOR**

### **MANIYARASAN RAJENDRAN**

Maniyarasan, specialises in documenting cultural heritage. He did his B.Arch (SPA-Delhi), and PG Photography Design (NID-Ahmedabad & UCA Farnham). He teaches at CARE School of Architecture. An alumni of the Leon Levy Foundation Centre for Conservation, he works with government/private organisations; he conducts workshops with various institutions including CEPT.

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**OE2320**

# **PHOTOGRAMMETRY - SCULPTURAL 3D MODELLING EXPERIENCE**

## **OVERVIEW**

Photogrammetry is a simple technique in digital heritage using digital photographs to make scalable models of artefacts and built heritage. Visual imaging, exploration, documentation and interpretation are key tools in this process. The workshop will demonstrate the benefits of making use of affordable methods to make realistic 3D modeling. Apart from Conservation, gaming and virtual reality practices make use of this technique. Students shall be documenting various stone sculptures from a museum and be expected to visualise the explorations.

## **METHODOLOGY**

The components of the workshop are structured within multiple sessions of lectures, hands-on training and field work exercises. Upon completion of the course the participants should be able to –

- Develop critical understanding of Photogrammetry in realistic modeling.
- Have awareness and ability in photographic documentation.
- Gain introduction to various methods of documenting artefacts.

## **KEY WORDS**

Digital Heritage, Documentation, Photogrammetry, Modeling, Visualisation

## **AVAILABILITY**

15 Seats