

## 106 D. 8) Karnataka Digital Heritage (KDH)

KSCST has initiated the KDH Programme for Digital Documentation of Heritage Monuments using 3D laser scanning and Geo-spatial technology. Technologies of state archaeological protected heritage monuments to capture the Surface Geometric details of the Monuments to generate 3D Point cloud data, 3D Mesh Models and CAD Engineering drawings to create immersive virtual walk through and to promote Virtual Tourism for reconstruction/restoration of the Heritage monuments.



- ❖ Completed 3D Laser scanning of 650 heritage monuments of Bengaluru, Mysuru, Kalaburagi and Belagavi division out of 844 identified monuments. Around 250 have been covered in 4 districts of Belagavi division during the reporting period.
- ❖ Creation of geo-spatial data, geo tagging of spatial and non-spatial data with Photographs is in progress.
- ❖ Generation of 3D Point cloud data, 3D Mesh Models, CAD Engineering drawings and HTML web browser Conversion files are under progress.