109 D. (11) Karnataka Digital Heritage

Preamble:

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 protected Heritage monuments comes under Dept of Archaeology, Museums and Heritage, Govt of Karnataka.

Objectives:

Progress: April – November 2024

- Completed 3D Laser scanning of 530 protected heritage monuments of Bengaluru, Mysuru, Kalaburagi and Belagavi division.

- Field survey and 3D Laser scanning of around 13 Heritage Monuments have been covered in Mysuru, Hassan, Chikkamagaluru and Udupi districts. Post processing, Generation of 3D Point cloud data, 3D Mesh Models and CAD Engineering drawings of these monuments have been completed.

- Submitted the project completion report along with all the digital data to Department of Archaeology, Museums and Heritage (DAMH), Government of Karnataka.

- Prepared and submitted data for coffee table book on Karnataka Digital Heritage project to the DAMH

- Extended support to the Website https://nammasmaraka.in/

View of Field survey and 3D Laser scanning of Heritage Monuments

Executive Committee: For Information