102C. 2) A DIGITAL MINI-SPECTACLE FOR SHOWCASING THE GLORY OF HAMPI

Collaborating Agencies	:	IIT Delhi, IIT Bombay, CBRI Roorkee, NID, KSCST
Principal Investigator	:	Dr. U T Vijay, KSCST
Budget	:	Rs. 1,91,80,000/-
(KSCST component	:	Rs.6,11,000/-)
Funded by	:	DST, GoI
Duration	:	1 year (April 2018 to March 2019)

Objectives:
- Laser scanning to generate point clouds
- Image based reconstruction
- 3D modeling and rendering
- AR based interactive 3D interface for virtual walkthrough of the monument and other augmented reality interfaces

Progress:
- It is a collaborative project of KSCST with IIT, Delhi, NID, Bengaluru, IIT, Bombay and CBRI, Roorki.
- The proposed objectives under this project have been initiated as per the kickoff meeting held at IIT, Delhi on 15-04-2018.
- It was decided to develop an augmented and scaled-down 3D model of Virupaksha Temple Complex Bazar along with Projection Mapping and AR based interactions.
- Brain storming meeting has been conducted at Hampi on 7th and 8th July 2018 along with other collaborating organisations and ASI, Hampi
- It was decided to prepare digital and physical 3D model of Vittala temple complex to be installed in Kamalapura museum.This will serve as a proof of concept for what can be done in the Grand Spectacle with the whole city of Hampi