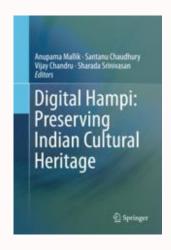# Digital Hampi: Preserving Indian Cultural Heritage

About the Book

"Digital Hampi: Preserving Indian Cultural Heritage"
Edited by **Anupama Mallik, Santanu Chaudhury, Vijay Chandru, and Sharada Srinivasan**
Springer, Singapore

The book represents the culmination of a hugely successful heritage preservation project initiated by the Government of India's Department of Science and Technology. It presents extensive research on the digital preservation of the history, mythology, art, architecture and culture of the world heritage site Hampi in Karnataka, the seat of the Vijayanagara dynasty in medieval India. Further, the book introduces readers to a range of techniques developed by Indian technical research groups for digitally preserving both the tangible and intangible cultural heritage of the region. These techniques are sufficiently generic to be applied in heritage preservation efforts for other historical sites around the world as well. Click here for more.

Chapters & Authors

A Short note about the Editors

Anupama Mallik received her B.Sc in Physics (1986) and her Master's in Computer Applications (1989) from Delhi University, subsequently completing her PhD (2012) in Electrical Engineering at the Indian Institute of Technology (IIT), Delhi. She works in the areas of ontology-based exploration of multimedia contents to semantic web technologies. She is currently associated with the Multimedia Research Group of the Electrical Engineering Department, IIT Delhi. She is a member of the Association for Computing Machinery (ACM) and a co-author of the book 'Multimedia Ontology: Representation and Applications' published by the CRC Press. She is founder-Director of a technology start-up focusing on the application of technology in heritage preservation, currently being incubated at IIT Delhi.

Santanu Chaudhury completed his B.Tech (1984) in Electronics and Electrical Communication Engineering and his PhD (1989) in Computer Science and Engineering from Indian Institute of Technology (IIT), Kharagpur. He is a Professor at the Department of Electrical Engineering, Indian Institute of Technology (IIT), Delhi. He was awarded the INSA medal for young scientists in 1993. He is a fellow of the Indian National Academy of Engineering and National Academy of Sciences, India. He is a fellow of International Association of Pattern Recognition (IAPR). He has more than 250 publications and is currently working as Director of CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI), Pilani and is on lien from IIT Delhi.

Vijay Chandru is an academic and an entrepreneur. As an academic, he completed his PhD in the mathematics of decision sciences at MIT in 1982 and has taught at Purdue University (1982–1993) and the Indian Institute of Science (IISc) since 1992. He was elected a Fellow of the Indian Academy of Sciences and Indian National Academy of Engineering and has authored over ninety papers. He was co-convenor of the Perceptual Computing Laboratory (PerCoLat) at IISc for a decade (1995-2005), involved in development of the Simputer. He co-founded the International Institute for Art, Culture and Democracy (IIACD) is a Bangalore based research institute. He is Chairman of Strand Life Sciences, a spinoff from IISc. He was named a Technology Pioneer of the World Economic Forum in 2007 and received the Hari Om Trust Award from University Grants Commission in 2003.

Sharada Srinivasan, Professor and Dean, Dean, School of Humanities, NIAS, Bengaluru, has a PhD. from University College London (1996) and works in the areas of archaeological sciences, archaeometallurgy, material culture and performance studies. She is elected Fellow of the Royal Asiatic Society of Great Britain and Ireland, World Academy of Art and Science. Her awards include the Dr Kalpana Chawla Young Woman Scientist Award, the Indian Institute of Metals Certificate, Materials Research Society of India Medal, Malti B. Nagar Ethnoarchaeology Award, DST-SERC Young Scientist Award and Flinders Petrie Medal. She has had collaborative grants from UKIERI and AHRC, UK with Exeter University and is board member of the South Asia Centre, Exeter University. She has been Homi Bhabha Fellow, Charles Wallace Fellow, V&A Nehru Fellow and Smithsonian Forbes Fellow