

Dr. KAILASA RAO M



CURRENT POSITION

Director, School of Planning and Architecture, Bhopal

Member, National Monuments Authority, Ministry of Culture, Govt. of India

ACADEMIC RECORD AND PROFESSIONAL QUALIFICATIONS

- **PhD** from Manipal University on "Architectural pedagogy from the examples of traditional Indian temple- from form generation concepts to completion", June 2008
- **M. Arch** (Architectural Conservation) School of planning and Architecture, New Delhi, 1994
- **B. Arch** From J N T University Hyderabad, 1991
- Registered member of Council of Architects, New Delhi

RESAERCH AND CONSULTANCY EXPERIENCE IN DIGITAL DOCUMENTATION AND HERITAGE CONSERVATION

- Working as Principal Consultant for Comprehensive Conservation Management for North and South Block of Central Vista, New Delhi for converting it into Yuga Yugeen Bharat National Museum, Government of India.
- Worked as lead conservation consultant for various architectural and archeological monuments in Karnataka.
- Extensive hands on experience in digital documentation technologies in using Lidar, White light scanning, Aerial photogrammetry, digital robotic milling of sculptural data and applied it in 3rd BCE archeological site at Sannathi, Karnataka for ASI.
- Has 3D Digital documentation done for 220 temples, stepped wells, fortifications with a research grant under Dr. TMA Pai endowment chair for Architectural conservation.
- Working as lead documentation consultant for aerial photogrammetric documentation of 32 temples in Gujarat, Rajasthan and Madhya Pradesh for PRASADA of Cardiff university under the guidance of Prof. Adam Hardy "Nagara" under the aegis of Leverhume grant.
- Working as lead documentation consultant for REPL and AnB consultants working for Varanasi ghats under Smart City Scheme. Has completed 500 m stretch of Varanasi ghat 3D digital mapping.

AWARDS AND SCHOLARSHIPS

- Dr. TMA Pai Endowment Chair for Architectural Conservation 2013-14 for documentation of Kalyani Chalukya Temples, Karnataka, India.
- Research grant to develop conservation strategy for " Sannathi - stupa for Archeological survey of India 2010.
- Research grant to develop conservation strategy for " Chaturmukha Basadi - Gerusoppa for Archeological Survey of India 2012..
- Research grant to develop conservation and heritage tourism proposal for " Mirjan fort for Archeological Survey of India 2011.

PUBLICATIONS

- Menon, S . M., Vahia, M. N. and **Rao, Kailash**, *Stone Alignment with Solar and Other Sightlines in South India*, Submitted (December 2010, Current Science)
- Kailas Rao M. 1, B S Bhooshan 2 *Digital Documentation Techniques as Tools for Conservation of a Buddhist Stupa through Virtual Reconstruction* (May 2015 International Journal of Architecture and Infrastructure Planning Vol. 1: Issue 1 www.journalspub.com)
- Dr. Kailas Rao M. Parametric principles in ancient Indian temple forms and their geometry - case study of columns of Kalyani Chalukya period of Karnataka (June 2015 International Journal of Architecture and Infrastructure Planning International Journal of Architecture and Infrastructure Planning)
- Menon, S . M., Vahia, M. N. and **Rao, Kailash**, *New Discoveries of Stone Alignment and Megalithic Burials in Karnataka*, Accepted (Man and Environment)
- Menon, S . M., Vahia, M. N. and **Rao, Kailash**, *Stone Alignment with Solar and Lunar Sightlines in South India*, Submitted (December 2010, Archaeoastronomy)

CONFERENCE PAPER PRESENTATIONS

- Architectural Reconstruction of Sannathi Stupa and Kalyani Chalukya Temples- from an Architects angle at seminar "Recent Researches in Indian Art, Architecture and Historiography" by Chitrakala Parishat, Bangalore 2014.
- Application of Digital Documentation Techniques for Conservation of a Buddhist Stupa through Virtual Reconstruction at 2nd International Engineering Symposium - IES 2012 (KU-MIT-NITK Joint Symposium) March 5-7, 2012, Kumamoto University, Japan.
- "Fundamental approaches in rediscovering Indian architecture - an international research workshop by Faculty of Built Environment , UNSW Sydney, Australia and M S A P, MU at MIT, Manipal University Aug 2011.

EMPLOYMENT HISTORY

1. Professor and Dean at School of Planning and Architecture, Vijayawada, since January 2019.
2. Professor at Faculty of Architecture, Manipal Institute of Technology, Manipal, Udipi Dt from 2005 to 2019.
3. Director designs with SRUSTI Architects, Bangalore from 2004- 2005.
4. Senior lecturer at Department of Architecture and Chief Architect, MSRIT Campus from 1998-2004.
5. Project Architect for M/s Buckeye Corporation India, Bangalore 1997.
6. Lecturer in department of Architecture at R V College of engineering 1994- 97.

