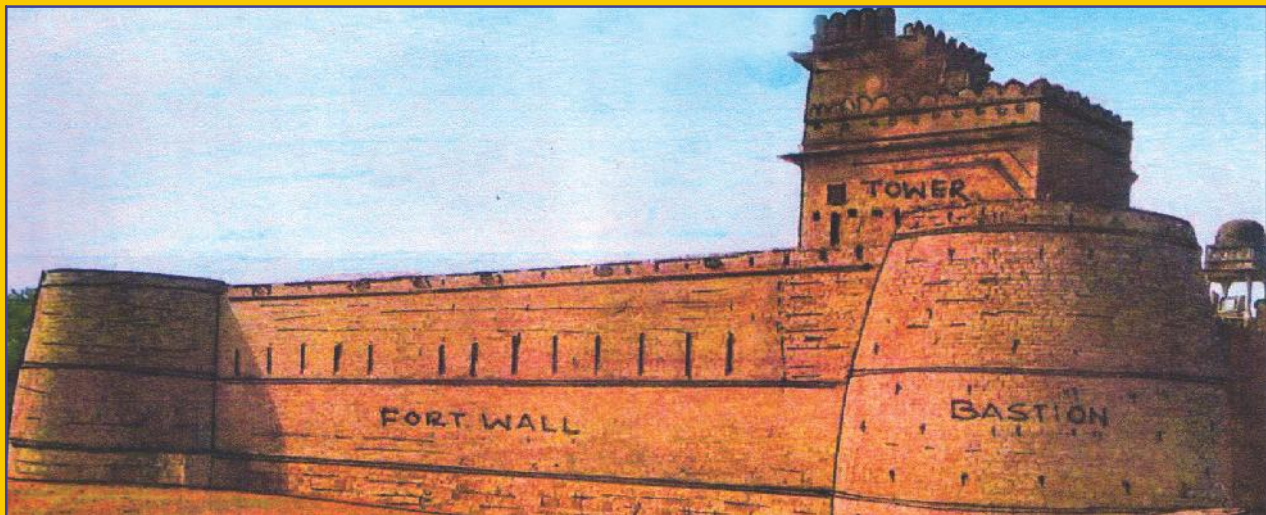


Researches
in
NINE ANCIENT HINDU FORTS
OF
INDIA

(Geoheritage, Histo - Archaeology, Architecture & Defence Studies)
A Peer Reviewed Volume

GHAAD SERIES

VOL - I



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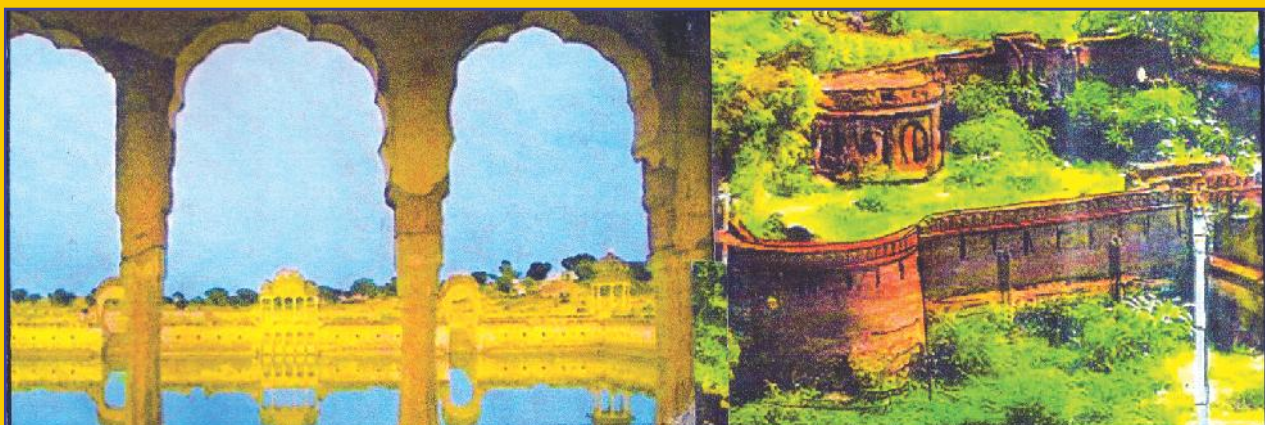
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This Volume of GHAAD Series includes Geo Heritage, Defence, Histo-Archaeology, Architectural and Religious-Cultural Aspects of Nine Hindu Forts of Ancient India, in form of Research Articles duly peer reviewed by Subject Experts, This volume is unique one because most of the recent informations are included. It's illustrations and discussions of New Trends of Scientific and Technological interpretations of Physical Domain of Fort Structures, utilizing Satellite Remote Sensing Data and correlated with existing Historical, Architectural & Archaeological facts. I hope, it will be useful for Researchers/ Academicians/ Students engaged in the related fields.

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Dedicated
to
LORD PADMANABHA SWAMY
(Lord MahaVishnu)

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PREFACE

The Forts are well known for its strength and prestige of Kingship of States since Ancient periods. In India, it is called Durg means durgam or difficult. The earliest existence of human settlement, Early states, kingdom of Indian History & Culture growth expanded at nucleic centre of suitable landscape, river territories and strategic safe places. Generally, the capital city of State or Reign was required Fortification or Fort Construction at suitable localities. The Fort construction had been started in India since 4000 B.C. The forts were constructed on the top of hills, slope of hills, River Islands, localities surrounded by river channels, Places encircled and admist in series of ponds, dense Forest etc. The huge structure of Fort had been made using Boulders, Bricks, Size Stones, Rock blocks with lime mortar slurrys. At present, the Forts and its Palaces, Monuments are self speaking about its History, Architecture, Design & Identity of Construction. Culture of Society, Reign, Kingdom, Majestic and Secrets of untold stories and strategic elements Prestige/Dignity of the contemporaneous State or Reign. In India, the Battles were sought for the victory of Forts. It had ample wealth and power, Luxurious, palaces, Aesthetic-Temples. Garden, Water Storage System, Amusements, comprising Historic as well as Cultural traditions of the State. The Maurya, Guptas, Kakteya, Sisodiya, Parmar, Rajput, Kulchuries, Sen, Scindia Marathas and even Britishers attracted to capture the Indian Forts & they had constructed new Forts for Strategic Military purposes. But today little is known about the soundness of fortification, causes and criteria of the site selection of particular area, strength of forts and monuments. The Researches in Forts of India contains primary investigations about Scientific, Structural, Geotechnical soundness, Ancient Engineering, Archaeology/Architecture of structure and site selection. The selected forts of National Importance with various features of Geologic, Geomorphic, Chronological Ages of Histo-Cultural/Kingdoms have been categorized and classified, analysed and interpreted. The

methodology of study and investigation includes demarcation of Geologic, Geomorphic, Water resource conditions of Fort sites using Geospatial Technology, Satellite Imagery Interpretation inductive/ deductive reasoning with limited field check, ground truth. The Vol.I includes popularly Known Nine Major Hindu Forts of India and the Chapters has been peer reviewed by Subject Experts in the fields of Architecture, Indian History, Archaeology and Geotechnical, Geosciences, it raised the authenticity and academic Values of matters included in this book by the Author. The existing available literature related to Indian-Forts in websites/Text/Books/Research Reviews/ Articles and other modes have been consulted and properly acknowledged, cited in the reference accordingly. The subject matter and interpretation of multidisciplinary aspects included in the volume is considered to be of utmost value to Students/Researchers/Teachers engaged in the related fields.

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