## PURATATTVA NO. 12 (1980-81)

CONTENTS Editorial ARTICLES	Page
Recent Archaeological Activities in India Dr. (Smt.) D. Mitra	1
Mitra in her presidential address (1982) places before the archaeological community recent advances in the fields of excavation and prehistoric investigation	
Eco-Functional Frame of Early Man-Some Factors <i>K.V. Soundararajan</i>	9
Soundararajan outlines the theoretical framework on how chemical and life sciences as well as research methodology helps in reconstructing the history of man	
Archaeology in India Since Independence: Some Random Thoughts <i>B.B. Lal</i>	17
Lal reviews the archaeological studies since independence and suggests changes in the field of exploration, excavation and conservation	
Upper Palaeolithic Cultures of the Mid-Son Valley J.N. Pal	23
Pal discusses the salient features of the Upper Palaeolithic cultures in the Mid-Son valley	
Animal Bones From Gufkral-Evidence of Human and Non Human Activities <i>A.K. Sharma</i>	31
Sharma analyses modifications in animal bones recovered from Neolithic to historical period at Gufkral	
Significance of Animal Fossils in the Prehistoric studies of the Upper Mahanadi Valley in Central India <i>R.P. Pandey</i>	37
Pandey discusses prehistoric animal fossils recovered from Upper Mahanadi and deduces that they belong to Upper Pleistocene	
The Authors of the Indus Seal Texts or the Indus Seal Motifs <i>Dr. M.N. Gupta</i>	47
Gupta argues that the animal seals do not represent any belief system, but symbolize corporality, ornamental decoration and authority	
Neo-chalcolithic remains at Rangai (Vidisha) M.D. Khare	55
Khare attempts to show that Chalcolithic Besnagar is homogeneous with Kayatha II and PGW cultures in early and late phases	

Recent Advances in Protohistoric Gujarat Suman Pandya	59
Pandya resumes archaeological investigations in Gujarat and suggests a long term research strategy for reconstructing the past	
Copper Hoard Culture of India: A Reassessment <i>Makkhan Lal</i>	65
Lal makes a reassessment of copper hoard objects, their technology as well as the relationship with late Harappan and OCP cultures	
Plant Economy in Ancient Sringaverapura Phase I (c 1050-1000 B.C.) K.S. Saraswat	79
Saraswat brings out evidence of sesame and cotton cultivation as well as rice and barley from this site	
Stuccos in Central Asia and India: A Reappraisal <i>R. Sengupta</i>	91
Sengupta argues that plastered sculptures discussed does not qualify to be called Stuccos	
Technical Studies of Iron Implements from the Megalithic site Tadakanahalli O.P. Agrawal, Harinarain & S.K. Bhatia	97
Agrawal <i>et al.</i> conduct metallographical examination of Megalithic iron objects and point out precise heat treatment as well as quenching and tempering	
Herding as the Backdrop to the Growth of Agriculture in west Asia and South Asia S.P. Gupta & Arun Kesarwani	101
Gupta and Kesarwani perceive two pastoral triangles in West and South Asia on the basis of archaeofaunal evidence	
NOTES & NEWS	
Typological Differences Between Indian and European Upper Palaeolithic Assemblages <i>Tulika Banerjee</i>	113
Prehistoric Archaeological Studies in Manipur <i>M. Jitendra Singh</i>	114
Nageshwar, an Industrial Centre of Chalcolithic Period <i>Kuldeep K. Bhan &amp; J.M. Kenoyer</i>	115
Excavation at Zekhada K.N. Mohim	120
Excavation at Rohira G.B. Sharma & Menmohand Kumar	125
The Unearthed Copper Antennae Sword of Tamil Nadu <i>N. Devasahayam</i>	128
Distribution of Painted Grey Ware Sites in District Bharatpur (Rajasthan) B.S. Negi	129

The Aryans-A Fresh Appraisal <i>R.C. Gaur</i>	133
Urabanisation of Vaisali Sita Ram Roy	136
Excavation at Taradih Ajit Kumar Prasad	138
Archaeology of Early Medieval Towns in Bengal <i>Vijay Kumar Thakur</i>	140
Kashmir-Where the Roots of Western Tibetan Art lie Dr. A.K. Singh	145
Exploration-Reveals a Fresh Light on the History of Kishan Bilas District Kota- Rajasthan <i>S.C. Saran</i>	148
Archaeology and the Problem of Regional Identity Dr. Y.B. Singh	150
Chandragupta-Kumaradevi Commemorative Medals Kiran Kumar Thaplyal	152
Identification of Soma Bhagwan Singh	154
The Antiquity of Gold-Glasses in India <i>Ravindra N. Singh</i>	157
Use of Orthographic Projection in Archaeological Drawing <i>S.S. Saar</i>	159
Parihati, Mediaeval Smelting Site in Midnapur District, West Bengal Dilip K. Chakrabarti & R.K. Chattopadhyay	161
A Note on the National Museum, Bahrain K.N. Dikshit	163
Mossbuaer Studies of Black slipped and Northern Black Polished Wares <i>S. Rai &amp; Dr. T.N. Roy</i>	165
Prehistoric Uttar Pradesh: A Rejoinder to the Review by D.P. Agrawal <i>P.C. Pant</i>	167
Studies in Archaeology and Palaeo-anthropology of South Asia S.P. Gupta	169

## **BOOK REVIEWS**

Monik Kevran et al., Excavation at Qal'at al Bahrain K.N. Dikshit	173
V.C. Srivastava, The Pre-historic Afghanistan -a source Book S.P. Gupta	173
Meawiyah Ibrahim, Excavations of the Arab Expedition at Sar el-Jisr, Bahrain K.N. Dikshit	174
Byung-mo Kim, <i>Megalithic Cultures in Asia</i> K.N. Dikshit	174
Jorge Armand, Archaeological Excavations in Durkadi Nala – An Early Palaeolithic Pebble-Tool Workshop in Central India K.N. Dikshit	175
Erwin Neumayer, Prehistoric Rock Paintings S.P. Gupta	175
Ekren Akurgal, Ancient civilizations and Ruins of Turkey K.N. Dikshit	175
V.P. Arora, Motifs in Indian Mythology, Their Greek and other Parallels S.P. Gupta	176
T.N. Roy, The Ganges Civilization Dilip K. Chakrabarti	176