

Brief Bio-data of Prof. Shinde

Prof. Vasant Shinde, former Professor and Vice-Chancellor at the Deccan College, Post-Graduate and Research Institute, Deemed University, Pune and Founding Director General, National Maritime Heritage Complex, Gandhinagar and presently Adjunct Professor at the National Institute of Advanced Studies, IIC Campus, Bangalore and Director of Rakhigarhi Research Project, is a world renowned archaeologist and one of the foremost scholars in South Asia.

Prof. Vasant Shinde obtained his B.A. in History from the University of Poona, and a Master's Degree (First Class first) in AIHC and Archaeology from Deccan College, Deemed University (at that time affiliated to the University of Poona). He subsequently completed his Ph.D. in Protohistoric Archaeology on *Early Settlements in Central Tapi Basin* from the same University. He has been conferred with Honorary D. Lit. Degree by the Vikramshila Hindi University.

Prof. Shinde has been teaching the Post-Graduate course in Archaeology since 1982. In addition to being a Recognized Post-Graduate teacher and Research guide at Deccan College, Deemed University, University of Poona, Solapur University and Eotvos Lorand University of Sciences, Budapest, Hungary, he has been also conducting teaching for the Post-Graduate Diploma course at the Institute of Archaeology, Archaeological Survey of India, New Delhi, since 1991. In addition to his teaching activities, Prof. Shinde has also supervised a vast number of M.A. and Ph.D. research students. At present, 55 M.A. /PGD/M.Phil. Students and 37 Ph.D. scholars have completed their research under his supervision, with several more currently receiving guidance or co-guidance from him. He has also provided guidance to no less than 15 Visiting Scholars from foreign countries.

Prof. Shinde has been a pioneer in archaeological research since the last 43 years, specialising in the Protohistory of South Asia, Maritime History as well as Field Archaeology. He has completed 16 major research projects, in the process of which he has collaborated with scholars and institutes from around the world, from Institutes such as the Universities of Pennsylvania and Wisconsin in the United States of America to Cambridge and Oxford Universities in the United Kingdom, to the International Research Center for Japanese Studies and Research Institute for Humanities and Nature (both in Kyoto, Japan), Seoul National University College of Medicine, South Korea, and so on.

He has also directed a vast number of excavations around the country, from Harappan sites in Gujarat and Haryana to Chalcolithic sites in Madhya Pradesh and the Deccan, to Protohistoric and Early historic Sites in Rajasthan and Maharashtra. Presently, he has been directing a very prestigious International Research project at the largest Harappan site of Rakhigarhi in Haryana. In the course of his research work, Prof. Shinde has also travelled extensively to and delivered lectures in Israel, Pakistan, Bangladesh, Sri Lanka, Iran, Denmark, France, England, Germany, Belgium, Italy, Oman, Malaysia, China, Japan, South Korea, Turkmenistan, Russia, Ethiopia, Kenya, Greece and several other countries throughout Europe and Asia, as well as in North and Central America. He has also visited and worked

with more than 17 international museums around the world, analysing material ranging from the Prehistoric to the Late Medieval Period. He has been awarded a number of honours and scholarships from various national and international bodies in the course of his Academic career, two of the most noteworthy ones being *100 Most Influential Vice Chancellor* by the World Education Congress and Dewang Mehta National Education Award for outstanding contribution to Education.

Professor Shinde has delivered no less than 225 special lectures in different parts of India, and 48 in Institutes abroad. He is a member of 20 National and International academic bodies. He has attended and presented his research in a large number of conferences in India and Abroad.

His contributions to Archaeology in India and abroad take the form of a large number of research papers, edited volumes and other publications, comprising 13 books, two monograph, 19 edited books/journals, 133 papers in national journals/books and 74 research papers in International journals/books alone, in addition to 24 popular articles in magazines and other periodicals. Several crucial elements of South Asian archaeology, from hitherto unknown Protohistoric cultural phases to models of urbanisation in Mewar, Rajasthan, owe their discovery to him. His most significant breakthrough research contribution includes first aDNA analysis and Craniofacial Reconstruction of Harappan people. The research paper on the DNA of the Harappan people was declared by the International Conference on Genomics as one of the nine breakthrough researches in the world in 2019. Prof. Shinde has initiated several levels of International Collaborations with Institutes around the world, bringing Indian archaeology to a truly global level. He has established the Society of South Asian Archaeology (SOSAA) with a view to promoting young scholarship and further global collaboration. He has also been actively involved in Public Archaeology and established groups in Maharashtra, Rajasthan and Haryana to protect the Cultural Heritage of the country and generate awareness of the same among the general public. Prof. Shinde participated in more than 184 National and International Seminars and Conferences and organized at least a dozen National and International Seminars/Conferences in various parts of South Asia including Iran.

Prof. Shinde has a vast administrative experience. Apart from working on numerous high power National and International Committees, he has been acting as Field Director of many excavations since 1990. He was Pro- Vice Chancellor of the Deccan College, Deemed University from 2008-2013 and Vice Chancellor of the same University from 2013 June 2019. He has vast experience in organizing National and International Conferences/ Seminars and convocations of the University.

Curriculum Vitae

Name: Vasant Shivram Shinde (Ph.D.)

Date of Birth: 15th June 1956

Address: Department of Archaeology,
Deccan College Deemed University
Post-Graduate and Research Institute,
(Deemed to be a University) Pune - 411 006 INDIA.

E-Mail : vshinde.dc@gmail.com and vasant.shinde@dcpune.ac.in

Educational Qualifications:

B.A. (History) Hons, University of Poona.

M.A. (first class first) in Ancient Indian History, Culture and Archaeology, University of Poona.

Ph.D. in Protohistoric Archaeology (Early Settlements in the Central Tapi Basin), University of Poona.

Post-Doctoral Research at the National Museum, Copenhagen, Denmark, 1985 and the University of Cambridge 1989-90.

Honorary D.Lit. Vikramshila Hindi University 2021.

Languages known: English, Hindi, Marathi and Gujarati

Computer knowledge: Applications of Microsoft programme

Administrative Experience: 10 years

Designation: Director, Archaeogenetic Research and Cultural Resource Management at Rakhigarhi DST Project - since February 2021,

Previous Appointments:

1. Research Assistant - 1982-85
2. Superintendent of Excavation (Research/Teaching post) Nov.1985- March 1995
3. Visiting Professor International Research Centre for Japanese Studies, Kyoto, Japan, October 2000-April 2001.
4. Reader in Asian Archaeology (Associate Professor) April 1995- March 2003
5. Visiting Professor, Research Institute for Humanity and Nature, Kyoto, Japan, March-July 2006
6. Joint Director (Pro-Vice Chancellor) from November 2008-September 2013.

7. Vice Chancellor, from October 2013 – 11 June 2019, Deccan College, Deemed University, Pune.
8. Founding Director General, National Maritime Heritage Complex, Lothal- 21 June 2019- January 2021.

Teaching:

1. Post-Graduate teaching in Deccan College since 1982.
2. M.Phil. teaching since 1995.
3. Post-Graduate teaching in Tilak Maharashtra Vidhyapeeth (1987 - 1995).
4. Recognized Post-Graduate teacher and Research Guide, Deccan College, Deemed University, University of Pune and Solapur University.
5. Recognized Research Guide, Eotvos Lorand University of Sciences, Budapest, Hungary since 2008.
6. Post-Graduate Diploma teaching in the Institute of Archaeology, New Delhi, since 1991.

Subjects Taught:

M.A.

1. Protohistory of South Asia
2. Methods in Archaeology
3. Harappan Civilization
4. Portions of Political History of India
5. Portions of Introduction to Archaeology
6. Portions of History of Indian Archaeology
7. Portions of Historical Archaeology
8. Portions of Cultural Heritage Management
9. Portions of Advanced Archaeological Theory and Research Methodology

M.Phil/PG Diploma

1. Field Archaeology
2. South Asian Protohistory
3. Portions of Principles of Archaeology
4. Portions of Introduction to Cultural Heritage Management Portions of Research Methodology

M.A. Dissertations Supervised:

1. 1996 Ritu Mahotra: *Archaeological Site Formation: An Ethno-Archaeological Study at Balathal.*
2. 1996. Kaushik Gangopadhyay: *Terracotta Art: A Case Study.*
3. 1998. Shweta Sinha: *Study of Chalcolithic Social Organization in Central India with Special Reference to Balathal.*
4. 1998. Tejas Garge: *Photography in Archaeology: Aspects and Techniques.*
5. 1998. Sarika Diwanji: *Interpreting Motifs on Chalcolithic Pottery of Navdatoli: A Case Study.*
6. 1999. Arunima Kashyap: *Harappan Impact on the Chalcolithic Culture of Central India.*
7. 2000. V. Shobha: *Deccan Chalcolithic Blade Industry: An Explanation.*
8. 2001. Nirmala Reddy: *An Ethnoarchaeological Investigation into the Maxillary Sinusitis Pathology of the Chalcolithic Record.*
9. 2003. Tilok Thakuria: *Reinterpreting Sorath Harappan Structures from Kuntasi and Rojdi.*
10. 2005. Manzil Hazarika: *Neolithic Culture of Northeast India with Special Reference to the Origins of Pottery and Agriculture.*
11. 2006. Bratatee Barman: *A Critical Assessment of Archaeology of Northeast India with Special Reference to Historical Archaeology of Assam.*
12. 2006. Astha Dibyopama: *Site Catchment Analysis of Balathal.*
13. 2006. Anwita Datta. *A Critical Review of the Economy of the Chalcolithic People of Inamgaon.*
14. 2007. K.P. Singh. *Archaeology of Kanmer: A Harappan Site in Kutch, Gujarat.*
15. 2007. Sachipan: *The Trade in Sangkhalok Ware from Ayutthaya Kingdom of Thailand to Japan from 16th Century AD to 17th Century AD.*
16. 2008. Nisha Sawant: *Archaeology of the Shivneri Fort at Junnar.*
17. 2008. Kameyama, Shungo: *A Study of Ceramic Assemblages at Farmana- A Harappan site in the Ghaggar Basin.*
18. 2009. Mayur Thakare: *Trowel, Mind and the World- An Interrogation of Post-Processualism.*

19. 2009. Shaikh Zeeshan Ali: *Traditional Boats of Goa: A Study*.
20. 2010. Moumita Chakraborty: *Burial Customs of Farmana, Rohtak, Haryana, in Comparison to the Other Harappan Sites*.
21. 2010. Sutapa Lahiri: *En Ethno-archaeological Study of the Space Utilization during the Mature Harappan Period with Special Reference to Farmana, Rohtak District, Haryana*.
22. 2011. Indrajit Dutta: *Social Relevance of Terracotta Art at Tamluk: An Ethno-archaeological Study*.
23. 2011. W.M.C. Oshan Fernando: *Stratigraphical Analysis of Fa-Hien Cave in Sri Lanka: Comparing Stratigraphy Excavated in 1986 and 2009*.
24. 2011. Shyam Dhavale: *Vishrambagvada: Itihasik va Sanskrutic Varas Jatan Samvardhanach Prakriya Prakalpa*.
25. 2011. Tejal Nitin Ruikar: *A Study of Harappan Net Sinkers with Special Reference to Sites of Padri, Kuntasi and Lothal, Gujarat*.
26. 2012. Shamika Sarvankar: *Art Objects from the site of Padri: A Stylistic Study and Symbolic Study*.
27. 2012. Diya Mukherjee: *The Study of Sorath Harappan Ceramics: A Case Study from the Site of Padri, Gujarat*.
28. 2012. Madhavi Sawant: *Archaeological Investigations of Jewish Society of Western Coast (Special Reference to Alibaug, Raigad District, State of Maharashtra)*.
29. 2012. Sharad Goswami: *Study of Maratha Period Warfare and Weapon Technology- With Special Reference to the Deccan College Maratha Museum Collection*.
30. 2012. Hemant Dalvi: *Maharashtratil Jalgaon Jilyatil Vadji Yethil Mandiranch Puratatviya Abhyas*.
31. 2012. Swati Wadekar: *Beads from Padri, Bhavnagar District, Gujarat: Role in Socio-Economic and Cultural Aspects*.
32. 2012. Avradeep Munshi: *Study of Medieval Fort and Defence Strategy at Champaner*.
33. 2012. Setareh Abareghi: *Study of Motifs on Soapstone Objects from Jiroft, Iran*.
34. 2013. Fatemeh Daneshyar: *Comparison Between Golden Cups (Rhytons) of Iron Age (2000 BC) (Golden Cup of Hasanlu) to Achaemenids, Parthians, Seleucids and Sassanides*.

35. 2013. Pratima Dhavane: *Emergence of Acoustical Traditions in Ancient India: a Revisit to History of Acoustic of Western Deccan Rock-Cut Cave Architecture of Chaitya Halls at Karle and Bhaja.*
36. 2013. Arvind Asabe: *Late Harappan Phase at Daimabad: Myth and Reality.*
37. 2014. Arunima Sinha: *Documenting the PGW Ceramic Assemblages of Karsola, Haryana.*
38. 2014. Nandkishor Mate: *Archaeology of Sinhagarh Fort and the Surrounding Area.*
39. 2015. Khandare Dhananjay: *A Comparative Study of Symbols on seals of Mohenjo daro and Harappa.*
40. 2016 (co-Guide). Aishwarya Mhaske: *Settlement Archaeology of Balathal and Gilund with special Reference to Architecture and Site Planning.*
41. 2017. Tanzeel Azad: *A Bioanthropological Approach to the Study of Human Skeletal Remains from Rakhigarhi, Haryana.*
42. 2017. Rakesh Kumar: *Material Culture and Symbolism in Black Magic: A Case Study of Black Magic in Mayong, Assam.*
43. 2018. Nayancy Priya: *A study of Kirtimukha motifs in Kailasa Temple, Ellora, District Augrangabad, Maharashtra.*

P.G Diploma Dissertations Supervised:

1. 2005. Sayan Bhattacharya: *Archaeology of Dantan with special reference to Late Historical Period.*
2. 2005. Supriya Ghosh: *A Critical Review of Harappan Settlements in Saurashtra.*
3. 2007. Kanti Kumar Pawar: *Pre and Protohistoric Cultures of Vidarbha (Institute of Archaeology, Archaeological Survey of India.*
4. 2009. Ayumu Konasukawa: *The Regional Variation of the Harappan Culture at Farmana in the Ghaggar Basin.*
5. 2011. Ravi Shankar Gupta: *Bone Tool Industry at Chirand, Institute of Archaeology, Archaeological Survey of India, New Delhi.*
6. 2011. Vindhyavasini: *Early Historic Phase at Junnar, Institute of Archaeology, Archaeological Survey of India, New Delhi.*

7. 2012. Shayanti Dey: *Early Agriculture phase in Tamil Nadu*, Institute of Archaeology, Archaeological Survey of India, New Delhi.
8. 2017. Anita Agashe: *Anaysis of Ceramic Assemblage from the Excavations at Limb, Satara District, Maharashtra*
9. 2018. Rahul Kumar Verma: *Site Catchment Analysis of Barnawa, Baghpat District, Uttar Preadesh*, Institute of Archaeology, Archaeological Survey of India, New Delhi.

M.Phil. Dissertations Supervised:

1. Anupama Ukidve: *Comparative Study of Selected Temples in Pune.*
2. 2015. Arunima Sinha: *Painted Grey Ware Settlements in Haryana with special reference to Karsola.*
3. 2016. Salil Sayed: *Reconsting /modelling the Habitation by Correlating the Inferred Physical Use of Settlement, Structures and Ceramics, possibly helped by Ethnographic Insight.*
4. 2017. Murali Kadiramangalam: *In-situ Examination of Patanjali's Mahabhasya Composition Tradition of South India.*

Ph.D.s Supervised (Completed):

1. 1996. Manabu Koiso: *Pottery Analysis of Kuntasi in Relation to other Harappan sites.*
2. 1997. Elizabeth Thomas: *Harappan Civilization in Saurashtra: A Study of Cultural Transformation from Mature to Late Phase.*
3. 1999. Asit Paul: *Early Historic Settlements in Bhavnagar District with Special Reference to Padri.*
4. 2000. Swayam Panda: *Role of Cattle Pastoralism in Gujarat (2500-2000 B.C.): An Ethnoarchaeological Perspective.*
5. 2003. Sonya Bhagat: *An Ethnoarchaeological Study of the Harappan Ceramic assemblages in Saurashtra with Special Reference to Padri.*
6. 2003. Lajwanti Shahani: *Trade and Transport Mechanisms of Protohistoric Sea-Trade Between Harappans and Mesopotamians: Fresh Evidence from Oman Peninsular.*
7. 2003. Shweta Sinha: *A Study of Cultural Interaction in Central and Western India during the Third and Second Millennia B.C.*

8. 2003. Ravi Kiran Jadhav: *Society as seen from the Sanskrit Literature (1-5 Century AD)* (in Marathi).
9. 2004. Niranjana Kulkarni : *Early Historic Investigations in the Upper Krishna Basin*.
10. 2005. Debashree Dasgupta: *Site Catchment Analysis of the Chalcolithic site of Gilund, Rajsamand District, Mewar*.
11. 2006. Golamreza Karamian: *A Survey of Sun Worship in the Culture of 1st Millennium BC of Iran: A Case Study of Iranian Central Plateau Silk of Kasan and West of Iran (Lorestan)*.
12. 2009. Prabodh Shirvalkar: *Pre/Early Harappan Culture of Gujarat with Special Reference to the Gulf of Cambay Region*.
13. 2009. S. Salim: *Study of Early Rock-art and their Associated Archaeological Cultures in South-eastern Rajasthan with Special Reference to Harauti Plateau*.
14. 2009. Siva Kumar: *Tiruchirapalli during the Vijay Nagara Nayaka Period- 1371-1739 AD*.
15. 2009. R. Chumbeno Ngullie: *Neolithic Pottery Tradition in North-eastern India: An Ethnoarchaeological Perspective*.
16. 2010. Ozra Rounaghy: *Cultural and Artistic Interaction between Central India and Iran in the 3rd-2nd Millennia BC (An In-depth Study of Ceramic Art and Other Artefacts Excavated at Navdatoli and Other Chalcolithic Sites in Central India and Tepe Sialk and Tepe Hissar in Iran)*.
17. 2011. (co-Guide) Vivek Dangi: *A Study of Protohistoric Settlements in the Upper Ghaggar Basin*. Department of History, M.D. University, Rohtak, Haryana.
18. 2011. Tejas Garge: *Settlement Pattern of the Harappan Culture in Chautang Basin*.
19. 2011. Ditamula Vasa: *Traditional Ceramic Amongst the Nagas: An Ethno-archaeological Approach*.
20. 2012. Sanjay Gaikwad: *A Comparative Study of Medieval Temple Complexes at Kudal Sangam and the Neighbouring Districts*.
21. 2012. Amrita Sarkar: *A Study of Cultural Development from Early to Mature Chalcolithic in Mewar Region of Rajasthan*.
22. 2013. Mohammad Ajmal Shah: *A Study of Kushan Period in Kashmir Valley- the Archaeo-Historical Approach*.

23. 2013. Narender Parmar: *Protohistoric Investigation in the Bhiwani District of Haryana*.
24. 2013. Ayumu Konasukawa: *Diversity of Harappan Civilization: A Study of the Ghaggar Basin (with Special Reference to Seals)*.
25. 2013. (Co-Guide) Yousef Fallahian: *Study of Animal Representation in Iron Age Archaeological Remains in Gilan, Iran*.
26. 2013. (co-Guide) Anwita Datta: *The Cultural History of Early Historic Terracotta Art of West Bengal: An Ethno-archaeological Approach*.
27. 2014. Anjana Reddy: *Urbanization of the Arabian Gulf (Oman Peninsula and Bahrain) from the 4th to 3rd millennium BC with Special Reference to Settlement Pattern Studies and Trade*.
28. 2014. Astha Dibhyopama: *Early Historic Archaeology of Jodhpur District, Western Rajasthan with Special Reference to Rang Mahal Culture*.
29. 2015. Fariba Sarhaddi: *Ethnoarchaeological Study of Kalpoorgan Pottery, Sistan-Balochestan Province, Iran*.
- 30) 2016. Udayakumar, S.: *A Study of Iron Technology at the Iron Age Sites of Iswal and Nathara-ki-Pal, Rajasthan, Western India*.
- 31) 2018. Tejal Ruikar: *A Study of Artefacts from the Harappan Settlement in the Kachachh with Special Reference to Kotada Bhadli, Gujarat: An Economic and Cultural Approach*.
- 32) 2018. Nilam Dhapare: *Archaeology of Junnar with Special Emphasis on Early Historic Phase*.
- 33) 2018. Rita Jeney (Eotvos Lorand University of Sciences, Budapest, Hungary) *Lost Collection from Lost River: Interpreting Sir Aurel Stein's Saraswati Tour in the History of South Asian Archaeology*.
- 34) 2019. Avradeep Munshi: *Medieval Archaeology of Champaner, Pavagarh and the Surrounding Region, Gujarat*.
- 35) 2020. Nisha Sawant: *Industrial Archaeology of Mumbai: A Case Study of Cotton Textile Industry*.
- 36) 2021. Seema Bansode: *A Comparative Analysis of Buddhism from Ancient to Modern (in Marathi)*, Punyashlok Ahilyadevi Holkar Solapur University.
- 37) 2021. Nandkishor Mate: *Sinhagarh: An Archaeological Perspective*.

Ph. D. Supervision (in progress):

1. Neda Amirmahmoudi: *A study of Ceramics and stone Artifacts from protohistoric sites of Northwestern India and Jiroft in Iran: A Comparative Analysis.*
2. Shalmali Mali: *Harappan Settlement Pattern in Ghaggar Basin with special reference to Rakhigarhi.*
3. Chander Sekhar Singh: *Man Land Relation in North Rajasthan during the Harappan Period.*
4. Pranjali Sudesh Waghmare: *Study of Harappan Human Skeletal Remains from Ghaggar Basin, Haryana.*
5. Shampa Chakravarty: *Development of Harappan Culture in the Ghaggar Basin (Sarasvati) with special Reference to Kunal and Bhirrana.*

Ph. D. Co-Guidance (in progress):

1. Kazem Arab: *Interpreting Elamite and Harappan Figures: A Comparative Study.*
2. Alireza Abolahara: *A Comparative Study of the Seals of South and Southwest Iran (2nd Millennium BC) with Harappan Seals: Faunal Perspective.*
3. Fakhrieh Abdool: *Animals and Their Cultural Manifestation in Archaeological Record in Middle Elamite and Neo-Elamite Period (1500-640 BC) in Southwest of Iran.*

Ph.D. Theses Evaluation: 59

Post- Doctoral Research Guidance

1. Sugandha Johar: *Creation of a Pilot for South Asian Archaeology Meta-Data.*
2. Debarshri Dasgupta: *A Study of Cultural Processes at Gilund and Balathal during the Late Ahar/Banas Phase.*
3. Tapati Sinha: *The Great Harappan Civilization and its Relevance to the Vedic Culture.*
4. Kanchan Bhaisare: *Multi-Disciplinary Approach to the Vakataka Pottery Study.*

Guidance to Foreign Visiting Scholars:

1. Monica Smith: University of California, Los Angeles, US.
2. Praveena Gullapalli: University of Pennsylvania, US.
3. Lorena Giorgio: University of Ravenna, Italy.
4. Teresa Raczak: University of Pennsylvania, US.
5. Robert Rolling; University of Pennsylvania, US.
6. Neha Gupta, University of Toronto, Canada.
7. Marta Ameri: University of New York, US.
8. Arunima Kashyap: University of Michigan, US.
9. Gethin Reese, Institute of Archaeology, UCL, London
10. Dr. A. Uesugi, Research Institute for Humanity and Nature, Kyoto, Japan.
11. Rita Jeney, Department of Indology, Eotvos Lorand University of Sciences, Budapest, Hungary.
12. Benedict Valentine, University of Florida, USA.
13. Adam Greens, University of New York, USA.
14. Ms. Megan McCormick, Hunter College, New York, USA.
15. Holly Shaffer, Yale University, USA.

Research Experience: 42 years

Research Specialization:

: South Asian Protohistory

: Field Archaeology

Explorations carried out:

1. Explorations in the Tapi basin - 1979-1984 to study settlement pattern of the Early Farming Community.
2. Explorations in the Central Tapi basin to study site catchment analysis - October 1988.

3. Explorations in the Godavari basin to study site catchment analysis - March and November 1989.
4. Explorations in the Girna basin, Maharashtra to study site catchment analysis, March 1990.
5. Explorations in Bhavnagar District, Gujarat - October 1990 to locate Harappan sites in the vicinity of Padri.
6. Explorations for site catchment analysis at and around Padri, Bhavnagar district, Gujarat- 24 September-2 October 1991.
7. Explorations around major Chalcolithic sites in the Deccan in collaboration with Hiroshima University, Japan, October 1992 to study the climatic conditions during the Early Holocene period.
8. Explorations in the Mewar region of Rajasthan, March 1993 to study settlement pattern of the Chalcolithic Ahar culture.
9. Explorations at and around major Chalcolithic sites in Mewar to study settlement pattern, January 1995, 1996 and 1997.
10. Explorations in Kutch and Saurashtra to discover Harappan and Early Harappan sites, 20 February to 5 March 1997.
11. Explorations along the Ghaggar River in Rajasthan to study Early and Mature Harappan sites, 19 June to 6 July 1997.
12. Explorations along the Ghaggar River in Rajasthan to study Early and Mature Harappan sites, 15 - 25 March 1998.
13. Exploration along the Tapi and Narmada estuaries in Gujarat to study Early Historic Sites mentioned in the Periplus, 1-10 June 2000.
14. Explorations around Gilund and Chavand, Rajasthan to study the evidence of early iron smelting and working. October 2001.
15. Exploration in the neighbourhood of Solapur city, Maharashtra, to select potential Early Historical site for excavation- first week of May 2002.
16. Explorations along the Gulf of Cambay to discover evidence of the 6th-7th millennium BC- December 2002-February 2003.
17. Explorations in the Godavari Delta Region, Andhra Pradesh in collaboration with the Yamaguchi University, Japan in connection with Geomorphological-Archaeological observations, 25 Aug. 2 September 2003.

18. Exploration in the core and periphery zones of the site of Hampi, Bellary District, Karnataka, August 2004.
19. Explorations at and around Junnar, October 2005.
20. Exploration in the Ghaggar Basin, Rajasthan and Haryana, March-April 2007.
21. Exploration of the Megalithic Architecture in Mariyoor (Idukki District, Kerala) and Chittoor District of A.P. (in collaboration with Korean Archaeologists), January 2012.

Excavation - Training/Participation:

India

1. Excavation training at Inamgaon (A Chalcolithic site in Poona District, Maharashtra) - 1977-79.
2. Full participation in the excavations at Inamgaon - 1979- 1983.
3. Excavations at Kandhar (A Historical site in District Nanded, Maharashtra) - January-March 1984.
4. Excavations at Babar Kot (jointly by the University of Pennsylvania, U.S.A. and Gujarat State Archaeology) (A Harappan site in District Rajkot, Gujarat) - December- January 1990-91.

Excavation- Participation:

Abroad

1. Excavations at Mantai (A Mesolithic-Early Historic site in Mannar District of northern Sri Lanka) - June-August 1984.
2. Excavations at Crickley Hill (A Neolithic-Iron Age Hill -Fort site in Gloucestershire, England) - July-August 1989.
3. Excavations at Crickley Hill (A Neolithic-Iron Age Hill-Fort site in Gloucestershire, England) - July 1990.
4. Excavations at Ras al Junayz (A Bronze Age site in the Sultanate of Oman)- February-March 1992.

Excavations carried out

1. Excavations at Kaothe (A Chalcolithic site in Dhule District of Maharashtra) - January-March 1984.

2. Excavations at Walki (A Chalcolithic site in Poona District of Maharashtra)- December 1985 to March 1986.
3. Excavations at Walki - December 1986 to March 1987.
4. Excavations at Kuntasi (A Harappan site in Rajkot District of Gujarat) - November 1987 to March 1988.
5. Excavations at Kuntasi - November 1988 to March 1989.
6. Excavations at Kuntasi - November 1989 to March 1990.

Excavations Directed:

1. Excavations at Padri (A Harappan site in Bhavnagar District, Gujarat)- February to March 1991.
2. Excavations at Padri, December- January 1991-92.
3. Excavations at Padri- December-February 1992-93.
4. Trial Excavation at Navdatoli (A Chalcolithic site in Khargon district, M.P.)- September 1993.
5. Excavation at Padri- November-January 1993-94.
6. Excavation at Balathal (Protohistoric- Early Historic site in Udaipur district of Rajasthan) January- March 1993-94.
7. Excavations at Balathal- November 1994 to February 1995.
8. Excavations at Balathal- November 1995- February 1996.
9. Excavation at Padri- February-March 1996.
10. Excavations at Balathal- November 1996 to February 1997.
11. Excavations at Balathal- November 1997 to February 1998.
12. Excavations at Balathal- November 1998 to February 1999.
13. Excavations at Gilund-A Bronze Age-Early Historic Site in Rajsamand District of Rajasthan- December 1999-March 2000.
14. Excavations at Gilund- December 2000-February 2001.
15. Excavations at Gilund- December 2001-February 2002.

16. Excavations at Bagor- A Mesolithic site in Bhilwada District of Rajasthan- December 2001.
17. Excavations at Iswal, an Early Iron Age site in Udaipur District, Rajasthan- December 2001-February 2002.
18. Rescue Excavation in the city of Pune- September 2003 (Discovered Satavahana culture for the first time, thus taking back the antiquity of the city by 1000 years).
19. Excavations at Gilund- December 2002-February 2003.
20. Excavations at Iswal- December 2002- February 2003.
21. Cambay Archaeological Research Project (Test Pitting at Padri and Sidhanath Temple area) - December 2002-February 2003.
22. Excavations at Mudvi- An Early Historic site in Solapur district of Maharashtra- March 2003.
23. Excavations at Siddhapur- Early Historic-Early Medieval site in Solapur District of Maharashtra, November-December 2003.
24. Excavations at Iswal- December 2003- February 2004.
25. Excavations at Gilund- December 2004-February 2005.
26. Excavations at Iswal- December 2004- February 2005.
27. Excavations at Junnar- An Early Historic site in Maharashtra, December 2005- February 2006.
28. Excavations at Iswal- March 2006.
29. Excavations at Junnar, December 2006-February 2007.
30. Excavations at Nathara ki Pal, a Historical site in Udaipur District, Rajasthan- Feb-March 2007.
31. Excavations at Harappan culture sites of Girawad, Farmana (Rohtak District) and Mitathal (Bhiwani District), Haryana- March to May 2007.
32. Excavations at Nathara ki Pal, a Historical site in Udaipur District, Rajasthan- Feb-March 2008.
33. Excavation at Farmana, Rohtak District, Haryana- February-April 2008.
34. Excavations at Madina, a PGW site in Rohtak District of Haryana-February-April 2008.

35. Excavations at Nathara ki Pal, a Historical site in Udaipur District, Rajasthan- Feb-March 2009.
36. Excavation at Farmana, Rohtak District, Haryana- December 2008-April 2009.
37. Excavation at Farmana, Rohtak District, Haryana- December 2009-March 2010.
38. Excavations at Karsola, Jind District, Haryana- Painted Grey Ware Culture site, December 2010-March 2011.
39. Total Station and GPR Survey at Rakhigarhi, a Harappan site in Haryana, December 2011-March 2012.
40. Excavations at Rakhigarhi, Hisar District, Haryana, January- April 2014.
41. Excavations at Rakhigarhi, Hissar District, Haryana, January- May 2015.
42. Excavations at Rakhigarhi, Hissar District, Haryana, January-May 2016.
43. Excavations at Rajagala, Sri Lanka, September 2016, May 2018.
44. Excavations and Scientific clearance at Raigad Fort, Maharashtra, 2017-18.

Research

1. **Ph. D. Research-** 1979-84- Extensive and intensive explorations were carried out in the central Tapi basin and 50 sites discovered by earlier scholars were studied. 55 new sites were also discovered during the research. The settlement and subsistence patterns of the Early Farming communities were studied and the site typology was reconstructed.
2. **Worked for the preparation of Inamgaon Report** - 1982- 1988- Most of the data, including pottery, stone blades and other objects from the excavations at Inamgaon was classified and described.
3. **Site Catchment Analysis:** Intensive surveys were carried out between 1988 and 1992, along with Dr. Pappu around major Chalcolithic sites in the Deccan with a view to studying economic conditions of the Early Farming Communities.
4. **Ethnographic Survey-** The present Farming Community of the Deccan was studied and compared with the Chalcolithic community. This study enabled interpretation of some Chalcolithic features found in excavations. Ethnographic survey of the potters and the salt manufacturing community around Padri has also been carried out.
5. **Kaothe Excavation Report** - 1987-89- The complete Kaothe excavation report was written along with Dr. Dhavalikar and Dr. Atre.

6. **Initiated flint-knapping and micro-wear studies** at Deccan College.
7. The major research project carried out between 1990 and 96 was the excavation at Padri, a Harappan site in Gujarat. Besides revealing various features of the rural life-style of the Harappans, the spectacular discoveries include the evidence of a Horned Deity and a stratified Early Harappan phase. There is also a definite evidence of transformation from Early to Mature phase at the site. A large structure complex consisting of storage and various craft activity areas has been discovered in the early phase. This is the first site in Saurashtra which has produced this evidence. Besides, Padri has been identified as a salt manufacturing centre, the first of its kind associated with the Harappan Civilization.
8. A seminar was organized in collaboration with Prof. Possehl of the University of Pennsylvania, U.S.A. in July 1993 to discuss various problems associated with the Saurashtra Harappans.
9. **Excavations at Balathal-** Between 1994 and 1999 the excavation at Balathal, District Udaipur, Rajasthan was carried out with a view to reconstructing life style of the early farming communities of the Mewar region. A large scale excavation has yielded a twofold cultural sequence, namely the Chalcolithic (3000-1800 B.C.) and Early Historic (c. 2nd century B.C. -2nd century A.D.). The most important contribution of the excavation includes the evidence for the origin and development of village life. Several structural phases in the Chalcolithic period have been unearthed. The most important discoveries in the Chalcolithic levels include fortified enclosure in the central part, outer fortification wall, three large stone and mud-brick structure complexes, two pottery kilns one above the other and the evidence for craft specialization. There is sufficient evidence for the interaction between the early farming community of Mewar and the Harappans. The Early Historic levels yielded the evidence for mass Iron melting and working.
10. **Archaeological Investigations along the Ghaggar River:** In 1996- 97 extensive and intensive archaeological explorations in the Ghaggar basin is being carried out with a view to systematically documenting the known and unknown archaeological sites and study their settlement and subsistence patterns. Four new sites have been brought to notice besides studying already reported ten sites. For the first time ceramic assemblage of the Kot Diji culture has been brought to notice in this region.
11. **Excavations at Gilund (Rajsamand District of Rajasthan)** has been undertaken from 1999-2000 in collaboration with the University of Pennsylvania Museum, USA. This project is launched to investigate the process of cultural development from 3000 to 2500 B.C., role of the site in the Chalcolithic social and economic organization and the nature and mechanism of contact between the early farming community of this region and the Harappans. Excavations carried out for five seasons has produced evidence for transition from Mesolithic to Chalcolithic, three phases of the Chalcolithic period, ample food processing equipment and storage pits of varied dimension, bullock cart track, tandoor, a unique brick structure

formed of parallel running east-west and north-south direction identified as a granary, terracotta bull figurines, clay seal impressions indicating contact with the BMAC regions of Afghanistan and Central Asia and beads of terracotta and semi-precious stones.

12. **Excavations at Bagor (Bhilwada District, Rajasthan)-** This Mesolithic site is being re-excavated with a view to dating properly the Mesolithic phase in this region and studying the native development of domestication of plant and animal and the cultural processes from Hunting –Gathering to Agriculture taking place in the sixth millennium BC. The excavations revealed the presence of two phases of the Mesolithic period- aceramic and ceramic. Both the phases are characterised by the presence of geometric and non-geometric microlithic tools, temporary huts represented by post-holes and well made floors, food processing equipment. In the ceramic phase, crude, handmade, ill-fired and occasionally incised decorated pottery makes its appearance.
13. **Excavations at Mudvi and Siddhapur (Solapur District, Maharashtra)-** The project is aimed at reconstructing trade route of the Satavahans of the beginning of the Christian era between Konkan and Ter and the role played by this region and these sites in their economic organization.
14. **Excavations at Junnar (Pune District, Maharashtra) -** Undertaken to understand Junnar's cultural sequence, its importance in economic organization during the Early Historic period and the role it played in the Indo-Roman trade.
15. **Climate and Culture:** An Interdisciplinary Approach to the Harappan Archaeology in the Ghaggar basin: This ongoing research project is aimed at reconstruction of the Holocene period climatic sequence and its impact on the cultural processes in the Northwestern part of the country. The other aspects that are being studied under this project include origins and developmental processes from Pre/Early to Mature Harappan, the role of the local cultures in the development of Harappan traditions, regional variation of the Harappan culture in this region and socio-economic organizations of the Harappan culture. Also it is possible to study who were the Harappan people, the composition of their population, their health, diet and subsistence as the human burial site has produced large number of skeletal data at Farmana and Rakhigarhi. These issues are being pursued at the largest Harappan site of Rakhigarhi located in Hissar District of Haryana, which is under investigation since 2012.
16. **Rajagala Archaeological Research Project-**Advising and helping the University of Sri Jayawardhenepura University, Sri Lanka since 2017-18 in developing research and conservation strategy. Studying Mesolithi hunter –gatherer and one of the biggest Buddhist monasteries. Working on the development of site from Tourism point of view.
17. **Archaeo-Genetic Research and Cultural Resource Management at Rakhigarhi-** The project is aimed to study the cultural process and composition of the Harappan population at the site of Rakhigarhi. Besides, in order to develop the

site from tourism point of view, it is proposed to develop Visitor (Interpretation) Centre, protect and conserve excavated portion, site Museum and Research centre at the site.

Research Projects Completed as Lead Investigator: Ten (three of them International)

Museum and Antiquities Studies

1. National Museum of Denmark, Copenhagen- May-October 1985.
2. British Museum, London- November 1989, July, 1990, July, 2005.
3. London Museum, London- November 1989.
4. University of Pennsylvania Museum, Pennsylvania- November 1998 and March 1999.
5. National Museum of Japan, Tokyo- November 2000, March 2006, October 2017..
6. National Museum at Kyoto, Japan, December 2000, April 2006.
7. Silk-Road Museum, Nara, Japan- May 2006.
8. Advisor, Archaeological Museum, Municipal Corporation, Solapur.
9. Advisor, Modi Numismatic Museum, Mumbai.
10. National Museum of Austria, Vienna, July 2010.
11. National Museum of Korea, Seoul, November 2010, June 2016.
12. Gongju National Museum, South Korea, November 2010.
13. National Museum of Pakistan, Karachi, January 2012, February 2017
14. Lahore Museum, Lahore, January 2012
15. National Museum of Bangladesh 2012
16. National Museum of Turkmenistan, Ashgabat, 13 March 2014.
17. National Maritime Musuem at Greenwich, London
18. Studied antiquities from excavated sites such as Inamgaon, Walki, Kaothe, Kuntasi, Kandhar, Padri, Balathal, Gilund, Mudvi, Siddhapur, Junnar, Farmana, Girawad, Mitathal, Karsola, Rakhigarhi, Rajagala, etc. ranging in date from Mesolithic-Pre-Harappan through the Medieval period.

Studies/ Academic Visits Abroad

1. Excavations at Mantai, Sri Lanka, June to August 1984.
2. The National Museum and various other places in Denmark to study Experimental Archaeology and European Prehistory - May to October 1985.
3. Attended International Seminar on Experimental Archaeology and visited various Open Air Museums in France, April 5-12, 1988.
4. Institute of Human Palaeontology, Paris to study tool typology - April 12-21, 1988.
5. Institute of Archaeology, London to study Microwear Analysis - April 21-29, 1988.
6. Faculty of Oriental Studies and Faculty of Archaeology and Anthropology, University of Cambridge, British Museum, London and Department of

Archaeology, University of London to study Application of Computer in Analysing pottery - August to November 1989.

7. British Museum, London to study reserved archaeological collection, July 1 to 10, 1990.
8. Sultanate of Oman to study Harappan pottery from the site of Ras-al-Junayz, February-March 1992.
9. Malaysia to participate in an international conference, 1 to 10 July 1998.
10. Universities of Wisconsin-Madison, Pennsylvania and Harvard, United States of America in connection with the research on the Harappan Civilisation, October-November 1998.
11. University of Cambridge, England in connection with research on the Settlement Archaeology, 24-27 March 1999.
12. University of Pennsylvania, USA in connection with research on the Early Farming Community of Central India and the Harappan Civilisation, 28 March to 4 April 1999.
13. University of Leiden, Netherlands to participate in the conference on South Asian Archaeology, 5-10 July 1999.
14. International Research Center for Japanese Studies, Kyoto, Japan as a Visiting Professor, October 2000 to April 2001.
15. Singapore in connection with the editing of volume Forest and Civilisation, December 2000
16. China, Peking University- to participate in the conference on Bronze Age Civilization, 23-27 February 2001.
17. Germany to participate in the 6th Workshop of the European Lake Drilling Programme, held at GeoForschungsZentrum, Potsdam from 11-16 May 2001.
18. Poland, to discuss the further research of the Asian Lake Drilling Programme, University of Poznan, May 2001.
19. Belgium to participate in XIVth International Congress of Prehistoric and Protohistoric Sciences, held at the University of Liege, 2-8 September 2001.
20. International Research Center for Japanese Studies, Kyoto, Japan in connection with the research on Origins of Agriculture, 23 October to 10 November 2001.
21. Taiwan to participate in an international conference, 9 to 17 September 2002.

22. USA to participate in an International Conference on Indus Civilization in California State University, Long Beach and South Asia in the University of Wisconsin, Madison, 13-26 October 2003.
23. Japan, to discuss about the Asian Lake Drilling Programme in India, 27-30 October 2003.
24. British Museum, London in connection with the study of reserved Harappan material, 9-15 July 2005.
25. Philippines to participate in an international conference, 19-26 March 2006.
26. Research Institute for Humanity and Nature, Kyoto, Japan- As Visiting Professor, March- July 2006.
27. Iran in connection with the study of early Chalcolithic material from sites like Tepe Hissar and Tepe Sialk, February 2007.
28. Research Institute for Humanity and Nature, Kyoto, Japan, May-June 2007 in connection with research on the Harappan culture.
29. University of Ravenna, Italy, to participate in an international conference on South Asian Archaeology, 30 June 9 July 2007.
30. University of Lodz, Poland, to participate in an International Seminar on Ethno-archaeology, 5-8 September 2007.
31. Iran in connection with the organization of the 2nd International Congress of the Society of South Asian Archaeology, held at Shiraz between 25-29 May 2008.
32. Research Institute for Humanity and Nature, Kyoto, Japan, June 2008 in connection with the ongoing project in the Ghaggar Basin.
33. Research Institute for Humanity and Nature, Kyoto, Japan, May-June 2009 in connection with the ongoing project in the Ghaggar Basin.
34. Russia to visit Archaeological Monuments and Sites for comparative study, 22-28 June 2009.
35. University of Newcastle, England in connection with discussion and formulation of collaborative research project, April 2010.
36. University of Vienna, Austria in connection with the conference of European Association for South Asian Archaeology and Art, 3-12 July 2010.
37. Eotvos Lorand University, Budapest, Hungary, to discuss academic collaboration and exchange of scholars and students, 10 July 2010.

38. Sri Lanka in connection with conference and discussion on Academic co-operation, 19-25 August 2010.
39. Seoul National University College of Medicine, Department of Forensic Studies, Seoul, South Korea, 4-10 November 2010 in connection with the formation of research project on the DNA studies of the Harappan Population.
40. Tokyo National University of Fine Arts and Music, Japan, 18-23 November 2010 in connection with the study of Bronze artefacts.
41. International Research Centre for Japanese Studies, Kyoto, Japan, 28 November to 5 December 2010 in connection with the research on the Environmental Archaeology.
42. Sri Lanka in connection with the discussion on future collaboration in Archaeology, 7-9 April 2011.
43. Pakistan in connection with the visit and study of the Harappan sites such as Mohenjo daro, Lakhinjo daro, Harappa, Rohri workshop, etc. January 2012.
44. USA in connection with the Rakhigarhi Project, April-May 2012.
45. South Korea in connection with research collaboration in the field of Archaeometallurgy, Ancient DNA and Megalithic culture, 22 June-3 July 2012.
46. Sri Lanka in connection with the Anand Coomaraswami Memorial Conference, University of Kelania, Colombo, 8-10 September 2012.
47. Bangladesh in connection with the workshop on Field Archaeology- 9-14 November 2012.
48. Guatemala in connection with special lectures, 14-20 April 2013.
49. China in connection with the discussion on formation of Shanghai Archaeological Forum, Shanghai 22-27 August 2013.
50. South Korea to sign research collaboration with Institute of Forensic Science, Seoul National University College of Medicine and Research Centre of Dolmens in Northeast Asia, Gwangju, and delivering lectures, 21-29 November 2013.
51. Turkmenistan to deliver address on behalf of foreign delegates in the International Scientific Conference on “Heritage of South-East Turkmenistan in the System of Ancient and Medieval Cultures of Eurasia”, Awaza, 12-13 March 2014.
52. Bangladesh to provide consultation to the research project in the Department of Archaeology, Jahangirnagar University, Dhaka, 1-2 April 2014.

53. Denmark to participate in an International Conference and discuss about research collaboration with the University of Copenhagen- 11-17 September 2014.
54. England to participate in the seminar on Early Rice Cultivation Systems and Their Impact on Social Evolution and Environment, Institute of Archaeology, UCL, London, 14-17 September 2015.
55. China in connection with the discussion on Academic Collaboration, 13-18 December 2015.
56. South Korea in connection with aDNA research at the Seoul National University Medical College, 25 June to 4 July 2016.
57. Sri Lanka in connection with the expert advice on the development and research at the Archeological site of Rajagala, 3-8 September 2016.
58. Institute of Archeology, Chinese Academy of Social Sciences, Beijing to discuss research collaboration and deliver special lectures, 24-28 October 2016.
59. Mohenjo daro, Pakistan in connection with the discussion on conservation issues, 10-13 February 2017.
60. Akita International University and National Museum, Japan 20-28 September 2017.
61. Shanghai, China to attend the meeting of the Board of Directors, Shanghai Archaeology Forum, 7-9 December 2017.
62. Ethiopia to investigate and identify archaeological structural remains in the Makelle area, 10-11 December 2017.
63. Kenya to participate in a Seminar from 12-16 December 2017.
64. Sri Lanka in connection with the Rajagala Archaeological Research Project- 19-26 May 2018.
65. Greece in connection with the discussion on Greece-India contacts in the past, 14-19 November 2018.
66. Hungary in connection with academic discussion on the establishment of Indo-Roman centre in India and conducting Ph.D. viva and defence, 4-8 December 2018.
67. Sri Lanka in connection with delivering Keynote Address at the International Conference on Archaeology, History and Heritage (ICAHA 2019) held at Habarana from 13-14 February 2019.

68. National Maritime Museum at Greenwich and the British Museum in England for understanding basic concepts, developmental stages and functioning, 20-27 November 2019.
69. Ariel University, Israel to form archaeological research collaboration with Deccan College and National Maritime Heritage Complex, 23-29 February 2020.

Honours/Awards, Scholarships, etc.

1. Justice Kashinath Trimbak Telang award for securing highest marks in Ancient Indian History, Culture and Archaeology at the M.A. Examination, University of Poona, 1979.
2. Deccan College Research Fellowship - 1979.
3. U.G.C. Junior Research Fellowship - 1979-82.
4. Danish Ministry of Education Scholarship to study Experimental Archaeology and European Prehistory in Denmark - May to October 1985.
5. The Ancient India and Iran Trust/Wallace India Visiting Fellowship to carry out research and deliver lectures in Cambridge, England - July to November 1989.
6. One of the four candidates short-listed out of 50 applicants from all over the world and invited by the University of Cambridge, England to give a seminar and attend interview for the post of Senior Lecturer in South Asian Archaeology - 28-29 June 1990.
7. Elected Section President (Ancient History), 4th Conference of Shivaji Vidyapeeth Itihas Pradhyapak Parishad, Dayanand College, Solapur, 17-19 November 1995.
8. Visiting Professor at the University of Allahabad from 16 July to 2 August 1996.
9. Elected Section President (Ancient History), Sixth All Maharashtra History Congress, Udgir, 3-4 January 1998.
10. Elected Chairman of Early Farming Communities of South Asia session, Indo-Pacific Prehistoric Association, 16th Congress, Melaka, Malaysia, 1-7 July 1998.
11. Appointed Visiting Professor for a period of six months (October, 1, 2000 to March, 31, 2001), International Research Centre for Japanese Studies, Kyoto, Japan.
12. Member, Steering Committee, Asian Lake Drilling Programme, Japan, since 1999.
13. Vice-Chairperson, Asian Lake Drilling Programme, Kyoto, Japan, since January 2001.

14. Elected President, Khandesh Itihas Parishad, Nizampur, 19-20 February 2004.
15. Vijay Shree Award by India International Friendship Society, June 2005
16. Founder of the Society of South Asian Archaeology (SOSAA) 2005.
17. Elected General Secretary of the Society of South Asian from 2005 to March 2018.
18. Visiting Professor, Research Institute for Humanity and Nature, Kyoto, Japan, March-June 2006.
19. Late Shree Madhukar Ramkrishna Inamdar Foundation Trust all India Award for excellence in Museum Studies/Archaeology, 21 August 2007.
20. Visiting Scholar, Indian Institute of Advanced Study, Simla, 12-18 November 2007.
21. Elected Archaeology Section President, Indian History Congress, Malda, West Bengal, 11-13 February 2011.
22. Distinguished visiting Professor , Guatemala City, Guatemala, 15-17 April 2013
23. Punya Bhushan award 2014.
24. Vidyasagar Award for academic excellence by Indian Institute of Oriental Heritage Kolkata 700009 in February 2015.
25. Chairperson at the International Seminar on THE INDUS –SARASWATI (HARAPPAN) CIVILIZATION VIS-A- VIS THE RIGVEDA, New Delhi, 27th-29th March 2015.
26. Chair of the session of the National Seminar on Indian Civilization (2000-500 B.C.) Organized by Vivekananda International Foundation in association with Archaeological Survey of India on 17-18th June 2015.
25. Elected **President** of the 24th Akhil Maharashtra Itihas Parishad, Bhayander, November 2015.
26. President of India's (Visitor's) nominee on the Selection Committee at Central University of Rajasthan from 2016- 2018.
27. **"100 Most Influential Vice Chancellor"** award by World Education Congress, 23 June 2016.
28. Elected **President** of the 26th Akhil Maharashtra Itihas Parishad, Bora College, Shirur, 17 November 2017.
29. **Devang Mehta National Education Award for Outstanding Contribution to Education**, 25 November 2017.

30. Elected **President** of the Society of South Asian Archaeology (SOSAA), since March 2018.
31. **Eminent Wadian** Award by Modern Education Society's Nowrosjee Wadia College, Pune, 21 July 2018.
32. **Maharashtra Bhushan** by Vikramshila Hindi Vidyapeeth, Bhagalpur, 19 August 2018.
33. Elected **General President**, Haryana History Congress, Starex University, Gurugram, Harana, 20 October 2018.
34. **Maratha Bhushan** by Maratha Mandal, Thane, 19 February 2019.
35. **Maharshi** award by Pune Navaratro Mahotsava 2109, Pune, 2 October 2019.
36. **Aparant Bhushan** by Lokmanya Tilak Smarak Library, Chiplun, 17 November 2019.
37. Elected **President**, Rajasthan History Congress – 2019-20.
38. Honorary **D.Lit** degree by Vikramshila Hindi University, 2021.

Special Invited Lectures Delivered

India

1. *Experimental Archaeology- with special reference to Flint-knapping*. All India Summer Institute in Archaeology, Deccan College, Pune, June 1986.
2. *Village life in India: Past and Present*. Sangam World Girl Guides Centre, Pune, 9th August 1988.
3. *Harappan Town-planning*. Radio talk on 13 April 1992.
4. *Early Village life in Maharashtra*. To the teachers of Navodaya Vidyalaya from various parts of the country undergoing "Inservice Education Course", Jawahar Navodaya Vidyalaya, Takli Dhokeshwar, Dist. Ahmednagar, 21 June 1992.
5. A Series of 13 lectures on the *Chalcolithic Cultures of Central India and the Deccan*, Institute of Archaeology, Archaeological Survey of India, New Delhi, August 1992.
6. *Archaeological Excavations and their Importance*. Interview on Ratnagiri Radio Station, April 1993.

7. *Word Processing and its Application in Archaeological Research*. Workshop on the Application of Computer Techniques in Archaeology, Deccan College, Pune, June 1993.
8. *Prachin Maharashtra* (in Marathi). Radio talk, Ahmednagar 19 August 1994.
9. *Methods of Archaeological Excavations*, to the students of St. Xavier College, Bombay, 19 April 1995.
10. *Excavations at Padri*. Refresher Course in A.I.H.C. and Archaeology, Deccan College, Pune, 22 July 1995.
11. *Recent Advances in Field Archaeology*. Refresher Course in A.I.H.C. and Archaeology, Deccan College, Pune, 6 July 1995.
12. *Recent Advances in Protohistoric Research in India*. Refresher Course in A.I.H.C. and Archaeology, Deccan College, Pune, 7 July 1995.
13. *Field Techniques in Archaeology*. Refresher Course in A.I.H.C. and Archaeology, Deccan College, Pune, 27 June 1996.
14. *The Chalcolithic Phase in India: Recent Developments*. Refresher Course in A.I.H.C. and Archaeology, Deccan College, Pune, 3 July 1996.
15. *New Developments in the Research on Harappan Culture in Gujarat with Special Reference to Padri*. Department of Ancient History and Archaeology, Allahabad University, Allahabad, 22 July 1996.
16. *Harappan Culture in Gujarat and the Excavations at Padri*. Department of Ancient History and Archaeology, Banaras Hindu University, Varanasi, 23 July 1996.
17. *New Developments in the Research on Harappan Culture in Gujarat with Special Reference to Kuntasi*. Department of Ancient History and Archaeology, Allahabad University, Allahabad, 24 July 1996.
18. *Chalcolithic Phase in the Mewad Region of Rajasthan* Department of Ancient History and Archaeology, Allahabad University, Allahabad, 26 July 1996.
19. *Chalcolithic Culture in Mewad and the Excavations at Balathal*. Department of Ancient History and Archaeology, Banaras Hindu University, Varanasi, 27 July 1996.
20. *Chalcolithic Phase in the Deccan- A Recent Perspective*. Department of Ancient History and Archaeology, Allahabad University, Allahabad, 30 July 1996.

21. *Socio-Economic Conditions during the Chalcolithic Period in India*. Refresher Course in Ancient History, Culture and Archaeology, Department of Ancient History and Archaeology, Allahabad University, Allahabad, 30 July 1996.
22. *Harappan Civilization- External Contacts and Social Organization*. Refresher Course in Ancient History, Culture and Archaeology, Department of Ancient History and Archaeology, Allahabad University, Allahabad, 1st August 1996.
23. *New Developments in Field Techniques in Archaeology*. Department of Ancient History and Archaeology, Allahabad University, Allahabad, 2nd August 1996.
24. *Social Conditions during the Bronze Age in India*. Govind Ballabh Pant Institute of Social Sciences, Allahabad, 2 August 1996.
25. *Prehistoric Khandesh* (in Marathi), Shri S.S. Patil Arts, Shri Bhausaheb T.T. Salunkhe Commerce and Shri G.R. Pandit Science College, Jalgaon, 31 August 1996.
26. *Excavations at Balathal*, Institute of Archaeology, New Delhi, 10 September 1996.
27. A Series of lectures (12) on *Central Indian and Deccan Chalcolithic Cultures*, Institute of Archaeology, New Delhi, 10-13 September 1996.
28. *Excavations at Padri*, Institute of Archaeology, New Delhi, 14 September 1996.
29. *Recent Discoveries at Balathal*, Dholavira Excavation camp, Dholavira, 24 February 1997.
30. A Series of lectures (15) on *Central Indian and Deccan Chalcolithic Cultures*, Institute of Archaeology, New Delhi, 10-14 June 1997.
31. *Excavations at Balathal*, Institute of Archaeology, New Delhi, 12 June 1997.
32. *Excavations at Balathal*, Department of Archaeology, M.S. University of Baroda, 7 July 1997.
33. A Series of lectures (28) on *Principles of Archaeology and Field Methods*, Institute of Archaeology, New Delhi, 3-13 October 1997.
34. *Recent Advances in the Study of Harappan Civilisation*, Dayanand College, Solapur, 5 January 1998.
35. *Recent Advances in Indian Archaeology*: P.G. Centre, Department of Archaeology, Shivaji University, Solapur, 5 January 1998.
36. A Series of 20 lectures on the *Neolithic/Chalcolithic Cultures of Asia*, Institute of Archaeology, New Delhi, 18-26 May 1998.

37. *Chalcolithic Cultures of Central India and the site of Balathal*, Banaras Hindu University, 29 August 1998.
38. A series of 15 lectures on the *Theory and Methods in Archaeology*, Institute of Archaeology, New Delhi, 6-9 October 1998.
39. A series of 32 lectures on the *Neolithic/Chalcolithic Cultures of India and West Asia*, Institute of Archaeology, New Delhi, 7-18 May 1999.
40. *Excavations at Balathal, Rajasthan, India* International Centre, New Delhi, 15 May 1999.
41. *Principles of Archaeology and their Development in India*, Dayanand College, Solapur, 27 August 1999.
42. *Harappan Civilisation: New Perspective*, P.G. Centre, Department of Archaeology, Shivaji University, Solapur, 27 August 1999.
43. A series of 35 lectures on *Methods in Archaeology*, Institute of Archaeology, New Delhi, 5-13 October 1999.
44. *Field Methods in Archaeology: Recent Developments*, Refresher Course in Archaeology, Deccan College, Pune, 22 June 2000.
45. *Excavations at Gilund, Rajasthan*, Refresher Course in Archaeology, Deccan College, Pune, 7 July 2000.
46. *Excavations at Padri*, Institute of Archaeology, New Delhi, 24 July 2000.
47. *Excavations at Balathal*, Institute of Archaeology, New Delhi, 25 July 2000.
48. *Excavations at Gilund*, Institute of Archaeology, New Delhi, 27 July 2000.
49. *Harappan Civilization and the Peripheral Cultures*, Department of History, Sukhadia University, Udaipur, 9 August 2000.
50. *Excavations at Gilund*, for the students of Post-Graduate Diploma, Institute of Archaeology, New Delhi, when they visited Deccan College, 4 June 2001.
51. A series of 15 lectures on *Field Methods in Archaeology*, Institute of Archaeology, New Delhi, 29-31 January 2002.
52. *Archaeology and Field Methods*, University of Mumbai, 16 September 2002.
53. *Archaeology of Pune City*, Bharat Itihas Samsodhan Mandal, Pune, 9 October 2002.

54. A series of 30 lectures on *Protohistory of South Asia*, Institute of Archaeology, New Delhi, 18-23 August 2002.
55. *Introduction to Archaeology*, K.C. College, Mumbai, 31 October 2002.
56. *Archaeology of Ayodya*, Purogami Vichar Manch, Pune, 29 March 2003.
57. *Ancient Pune*, Parvati Mandir Pratistan, Pune, 6 May 2003.
58. *Excavations at Gilund*, at Deccan College to the Post-Graduate Diploma students, Institute of Archaeology, New Delhi, 3 June 2003.
59. A series of 30 lectures on *Protohistory of South Asia*, Institute of Archaeology, New Delhi, 7-11 August 2003.
60. *New Researches on the Harappan Civilization*, Department of History, Mumbai University, 20 September 2003.
61. *Principles of Archaeology and History*, Dayananad College, Solapur, 19 December 2003.
62. *Introduction to Archaeology*, Mulchand College, Solapur, 19 December 2003.
63. *Archaeological Excavation Methods*, A.R. Burla College, Solapur, 26 December 2003.
64. *Harappan Civilization: Recent Research and Perspective*, Shivaji Smarak Samiti, Solapur, 27 January 2004.
65. *Inamgaon- A Chalcolithic Settlement*, Adarsha Vidhyalaya, Inamgaon (for College teachers), 5 February 2004.
66. *Jorwe Culture in Maharashtra*, Sonubhau Baswant College of Arts and Commerce, Shahapur, 24 July 2004.
67. *New Researches on the Harappan Civilization*, Abasaheb Garware College, Pune, 21 August 2004.
68. *New Researches on the Harappan Civilization*, Department of Archaeology, Solapur University, 11 October 2004.
69. *Methods in Archaeology*, Department of History, University of Pune, 18 November, 2004.
70. *Recent Researches on the Harappan Civilization*, Department of History, University of Pune, 18 November 2004.

71. *Archaeological Records and New Archaeology*, Special lectures at the Institute of Archaeology, Archaeological Survey of India, New Delhi, 6-9 September 2005.
72. *Recent Development and Perspectives of the Harappan Studies*, Dayanand College, Solapur University, Solapur, 21 October 2005.
73. Delivered Presidential Address on *Archaeology and History- Their Importance in History Writing*, Ambedkar College, Pune, 28 January 2006.
74. *Junnar and the International Trade*, Junnar Municipal Library, Junnar, 8 February 2006.
75. Special lectures on Recent Advances in Harappan and Chalcolithic studies in South Asia, Institute of Archaeology, Archaeological Survey of India, New Delhi, 24-28 July 2006.
76. Special lectures on *Methods in Archaeology*, Institute of Archaeology, Archaeological Survey of India, New Delhi, 24 October 2006.
77. Special lectures on *Protohistory of Southwest and South Asia* Institute of Archaeology, Archaeological Survey of India, New Delhi, 14-15 April 2007.
78. *Pompei and Otzi Man*, Dayanand College, Solapur, 16 October 2007.
79. *Pompei and Otzi Man*, Department of AIHC and Archaeology, Solapur University, 16 October 2007.
80. *Recent Researches in the Harappan Studies*, Indian Institute of Advanced Study, Shimla, 13 November 2007.
81. *Origins of Agriculture: New Evidence*, Department of Anthropology, Pt. Ravi Shankar University, Raipur, Chhattisgarh, 14 March 2008.
82. *Neolithic/Chalcolithic Cultures of South Asia: Recent Researches*, Department of Anthropology, Pt. Ravi Shankar University, Raipur, Chhattisgarh, 15 March 2008.
83. *Recent Advances in the Harappan Studies*, Department of Anthropology, Pt. Ravi Shankar University, Raipur, Chhattisgarh, 15 March 2008.
84. *Recent Advances in the Harappan Studies*, INTACH, Raipur Chapter, Chhattisgarh, 15 March 2008.
85. *Origins of Agriculture and Early Farming Communities of India, Southwest and Southeast Asia*, Institute of Archaeology, New Delhi (10 lectures) – 14-18 July 2008.

86. *Archaeology and History Writing*, St. Xavier College, Mumbai, 30 August 2008.
87. *Protohistoric Cultures of Central and Northern India*, Institute of Archaeology, New Delhi, 8-9 September 2008.
88. *Aspects of Archaeology and History*, Department of History and Ancient Indian Culture, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, 9 October 2008.
89. *Recent Development in Harappan Studies*, Extra Mural Department, University of Mumbai, 2 and 16 November 2008.
90. *Origins of Agriculture and the Indian Scenario*: Department of Archaeology, M.S. University of Baroda, 2 December 2008.
91. *Recent Explorations and Excavations in the Ghaggar Basin with Special Reference to Farmana*, Department of Archaeology, M.S. University of Baroda, 3 December 2008.
92. *Introduction to Archaeology*, Department of History and Ancient Indian Culture, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, 8 December 2008.
93. *Recent Developments in Harappan Studies*, Department of History and Ancient Indian Culture, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, 9 December 2008.
94. *Excavations at Girawad*, Institute of Archaeology, Archaeological Survey of India, 14 July 2009.
95. *Recent Excavations at Farmana*, Institute of Archaeology, Archaeological Survey of India, 15 July 2009.
96. Series of 15 special lectures on the *Protohistory of West and South Asia*, Institute of Archaeology, Archaeological Survey of India, 13-17 July 2009.
97. *Cultural History of Maharashtra: An Archaeological Perspective*, Social Science Academy, Pune, 12 May 2010.
98. *Harappan Civilization- Beginning to the Late Phase*, Institute of Archaeology, Archaeological Survey of India, 9-12 June 2010.
99. *Archaeology: An Interdisciplinary Approach to the Past*, Tata Institute of Fundamental Research (TIFR), Mumbai, 25 June 2010
100. *New Concepts and Developments in the field of Archaeology*, Dayanand College, Solapur, 11 October 2010.

101. *Harappan Civilization : New Discoveries and Perspectives*, School of Social Sciences, Solapur University, Solapur, 11 October 2010.
102. *Harappan Civilization: New Discoveries and Perspectives*, Department of History, University of Mumbai, 23 October 2010.
103. *Archaeology: A Multi-Disciplinary Approach to the Past*, National Centre for Biological Sciences, Bangaluru, 3 February 2011.
104. *Harappan Civilization: New Discoveries and Perspective*, National Centre for Advanced Studies, Bangaluru, 4 February 2011.
105. *Harappan Civilization: New Discoveries and Perspective*, R.C. Gaur Memorial Lecture, Aligarh Muslim University, Aligarh, 6 February 2011.
106. *Culture and Civilization: Reconstruction from Material Remains*, Indian Institute of Science, Bangalore, 24 August 2011.
107. *Cultures and Civilizations of Old World*, Indian Institute of Science, Bangalore, 24 August 2011.
108. *Harappan Culture: the First Bronze Age Civilization of South Asia*, Indian Institute of Science, Bangalore, 25 August 2011.
109. *Harappan Culture: New Discoveries and Analysis*, Lokmanya Bal Gangadhar Tilak Memorial Lecture, RTM Nagpur University, Nagpur, 23 September 2011.
110. *Career Options and Archaeology*, Vasantrao Naik Institute for Arts and Social Sciences, Nagpur, 2-3 December 2011.
111. *Archaeology: An Important Source of History Writing*, Orientation Course, Babasahed Ambedkar University, Aurangabad, 18 January 2012.
112. *Fundamentals of Archaeology*, Nowrosjee Wadia College, Pune, 9 February 2012.
113. *Harappan Culture in Northwest India: New Discoveries and Perspective*, Orientation Course of ASI Officers, Institute of Archaeology, ASI, New Delhi, 22 April 2012.
114. *New Research Approaches in Field Archaeology*, Orientation Course of ASI Officers, Institute of Archaeology, ASI, New Delhi, 22 April 2012.
115. *Archaeology: An Inter-Disciplinary Approach to the Understanding of the past*, Kashmir University, Srinagar, 4 June 1912.

116. *Contribution of the Early Civilization of South Asia to the World and Regional History*, Organized by INTACH and Heritage Katta at Marathwada Mintramandal College of Architecture, Pune, 28 July 2012.
117. *Rakhigarhi and the Harappan Civilization*, Lady Shree Ram College, New Delhi, 21 August 2012.
118. *Deccan Chalcolithic Pottery*, in the Workshop on Pottery for the Junior officers of the Archaeological Survey of India, Institute of Archaeology, New Delhi, 21 August 2012.
119. *Rakhigarhi: The Mohenjo daro of India*, India International Centre, New Delhi, 10 September 2012.
120. *An Archaeological Tour to Pakistan*, Solapur University, Solapur, 8 October 2012.
121. *Traditional and New Archaeology*, Institute of Archaeology, Archaeological Survey of India, New Delhi, 12 October, 2012.
122. *Contribution of the Harappan Civilization to the Indian History*, Bapat Memorial Lecture, Tilak Maharashtra Vidhyapeeth, Pune, 1 December 2012.
123. *Contribution of Early Civilization to Indian History*, Department of Culture and Archaeology, Govt. of Chhattisgarh, Raipur, 25 June 2013.
124. *Origins of Agriculture and Early Farming Communities of India*- 6 lectures, Institute of Archaeology, Archaeological Survey of India, 2-3 August 2013.
125. *Relevance of Harappan Archaeology to the Present*, Dayanand College, Solapur, 30 August 2013.
126. *Archaeology and Public Awareness*, Department of A.I.H.C. and Archaeology, Solapur University, Solapur, 30 August 2013.
127. *Recent Developments in Harappan Studies*, Inaugural Address, Centre for History, Karmavir Bhaurao Patil Mahavidhyalaya, Pandharpur, 31 August 2013.
128. *Early Indian Cultures and their Contributions*, Photography Society of India, November 2013.
129. *Harappan Civilization and its Script and Language*, First Shobhana Gokhale Memorial Lecture, Tilak Maharashtra Vidhyapeeth, 26 February 2014.
130. *Archaeology and its Relevance to the Modern World*, Yashada, Pune, 15 March 2014.

131. *Harappan Civilization and its Contribution*, Adobe Corporation, Noida, 9 May 2014.
132. *Rakhigarhi Archaeological Project: Showcasing and Displaying Harappan Civilization's Contribution*, Special lecture organized by Indian National Science Academy (INSA) at Visva Bharti, Shanti Niketan, 10 October 2014.
133. *Science and Archaeology- Recent Researches*, Lecture organised by Department of Ancient Indian History, Culture and Archaeology, Rashtrasant Tukadoji Mahatraj Nagpur University on 29th November 2014.
134. *Regional Diversity of the Harappan Civilization in the Ghaggar Basin*, Prof. Y. D. Sharma Memorial Lecture at Indian Archaeological Society, New Delhi on April 9, 2015
135. Two-day discussion meeting on "New Scientific Approaches to Understanding the Indus Valley Phenomenon". at Institute of Mathematical Science, Chennai, during May 4-5, 2015.
Delivered special lectures:
1. *Recent Researches on the Harappan Culture in the Saraswati Basin*.
2. *Harappan Civilization's Contribution to the field of Basic Sciences and Technologies*.
137. *Chalcolithic Mewar and its interaction with the Harappans*, Professor R. P. Vyas Memorial Lecture Series-II organized by Mahila P. G. Mahavidhyalaya, Jodhpur, 25th July 2015.
137. *Early Civilization and its Contribution to the Basic Sciences and Technologies*, Guest speaker at the Institute of Physics, Bhubaneswar, 3 September 2015.
138. *Relevance of the Harappan Studies*, and b, *New Direction in Harappan Studies at Rakhigarhi*, K.P. Jayaswal Memorial Lectures, Patna, 1 December 2015.
139. *Archaeology and History of Maharashtra: Recent Perspective*, Nachi Kelkar Memorial Lecture, University of Savitribai Phule Pune University, 12 March 2015.
140. *Harappan and Vedic Culture: A Comparative Analysis*, Chairman's remarks, Sathey College, Mumbai, 3 January 2016.
141. *Mohenjo daro and the Harappan Civilization*, Key Note address at the inauguration of Heritage India Magazine, Sumant Moolgaonkar Hall, ICC, Pune, 10 July 2016.
142. *Relevance of Archaeology and History to the Modern Society*, 35th Foundation Day Lecture of Reserve Bank of India Archives, Reserve Bank of India, College of Agriculture Banking, Pune, 24 August 2016.

143. *Ayran Debate*, Garware College, Pune, 7 October 2016.
144. *Application of Scientific Methods in Archaeology: A Case Study of Rakhigarhi*, K.P. Jayaswal Institute, Patna, 24 December 2016.
145. *Traditional Education System in India*, Convocation Address, S.T. Bora College, Shirur, 27 January 2017.
146. *Origin and Development of Indian Knowledge System: An Archaeological Perspective*, Nathaniel Wallich Memorial Indian Museum Foundation Lecture, Kolkata, 2 February 2017.
147. *Western and Indian Knowledge System*, Convocation Address, Shahu College, Pune, 7 February 2017.
148. *Composition of Harappan Population at Rakhigarhi and the DNA Research* Allahabad Museum, Allahabad, 1 April 2017
149. *Relevance of Archaeology to the Modern Society*, TEDx talk at Motilal Nehru National Institute of Technology, Allahabad, 2 April 2017.
150. *Relevance of the Study of Ancient Heritage to the Contemporary Society*, 9th Pupul Jaykar Memorial Lecture by INTACH, New Delhi, 18 April 2017.
151. *Relevance of Archaeology*, Cotton College State University, Guwahati, 19 April 2017.
152. *Review of Prehistoric Research in India with Special Reference to NE India*, Northeast Regional Centre of ICHR, Department of Anthropology, Guwahati University, Guwahati, 19 April 2017.
153. *Climate and Culture with Special Reference to the Harappan Civilization*, delivered address as Chief Guest on the occasion of World Environmental Day organized by Forum for Better Hyderabad, 5 June 2017.
154. *The Earliest Cities in South Asia*, Public lecture at the Nehru Memorial Museum and Library, New Delhi 4th July 2017.
155. *New Facets of the Harappan Civilization revealed by the Application of Scientific Methods at Rakhigarhi*, Padmashri Amlanand Ghosh Memorial Lecture at the Institute of Archaeology, New Delhi, 25th August 2017.
156. *Recent Perspectives of the Harappan Civilization*, Indian Institute of Technology, Gandhinagar, 12 October 2017.
157. *Scientific and Technological Achievements of the Harappans*, Indian Institute of Science Education and Research (IISER), Mohali, 2 February 2018.

158. Public lecture on *Genesis and Relevance of Ancient Indian Science and Technology: An Archaeological Perspective*, at the National Centre for Cell Science, Savitribai Phule Pune University, 28 February 2018 on occasion of National Science Day.
159. Application of Scientific Field Methods in Archaeology, Department of Archaeology, University of Calcutta, Kolkata, 15 March 2018.
160. *New Research Methodologies to Approach History Writing*, Department of History, Dibrugarh University, Assam, 27 April 2018.
161. *Archaeology: the Science for Reconstruction of Our Past Culture*, Bose Institute, Darjeeling, 6 May 2018.
162. *Advanced Archaeological Investigation Methods*, Indian Museum, Kolkata, 2 July 2018
163. *Advanced Archaeological Excavation and Analysis Methods*, Indian Museum, Kolkata, 3 July 2018.
164. *Archaeology: the Science for the Reconstruction of Past Lifeways*, Birbal Sahani Institute of Palaeosciences, Lucknow, 4 July 2018.
165. *Recent Perspectives of the Harappan Civilization with Special Reference to Rakhigarhi*, Department of Ancient History and Archaeology, Visva Bharati, Shanti Niketan, W. Bengal. 2 September 2018.
166. *Recent Perspectives of the Harappan Civilization with Special Reference to Rakhigarhi*, Chocoling Lecture, Department of AIHC and Archaeology, Banaras Hindu University, Varanasi, 15 September 2018.
167. *Relevance of Archaeology to the Contemporary Society*, Chocoling Lecture, Department of AIHC and Archaeology, Banaras Hindu University, Varanasi, 15 September 2018.
168. *New Research on the Harappan Site of Rakhigarhi, Haryana*, IGNCA and the Department of History, Pondicherry University, Pondicherry, 1 October 2018.
169. Maritime Activities from the Harappan to the Early Historic Period, IGNCA and the Department of History, Pondicherry University, Pondicherry, 1 October 2018.
170. *Integrating Traditional Wisdom with Modern Science and Technology*, Convocation Address, National Museum Institute, New Delhi, 15 October 2018.
171. *New Scientific Research Methodologies in Archaeology and Heritage Studies*, at the Training cum Workshop on Research Methodology for Humanities and Social Sciences at the Faculty Development Centre, Iswar Saran PG College, University

of Allahabad, 22 January 2019.

172. *Harappan Civilization and Rakhigarhi*, INTACT Lecture on the occasion of World Heritage Week at the National Gallery of Modern Art, Bangalore, 18 April 2019.
173. *Application of New Archaeological Research Methods at Rakhigarhi*, Rajasthan Vidhyapeeth, Udaipur, 13 May 2019.
174. *Origin and Development of Indian Knowledge System: An Archaeological Perspective*, R.C. Sharma Memorial Lecture, Jnyan Pravah, Varanasi, 1 August 2019.
175. *Relevance of Archeology to the Contempoary World*, Department of AIHC and Archaeology, Banaras Hindu University, Varanasi, 1 August 2019.
176. *Is Rakhigarhi Last Word to Reject Finally the Aryan Invasion Theory*, 1st Atal (Atal Bihari Bajpai) Memorial Lecture, National Monuments Authority, New Delhi, 16 August 2019.
177. *Just I read- Wake up Past for Regnerative Future*, TedX Talk at the SRM University, Chennai, 23 August 2019.
178. *Breakthrough Ancient DNA Research on the Harappan Skeletal Remains from Rakhigarhi*, Institute of Genomics and Integrative Biology, New Delhi, 30 September 2019
179. *Implications on Indian History of the Recent Scientific Analysis of DNA and Archaeological data from Rakhigarhi*, Anusandhan Bhavan, CSIR, New Delhi, 1 October 2019.
180. *Implications on Indian History of the Recent Scientific Analysis of DNA, Archaeological and Craniofacial data from Rakhigarhi*, Jawaharlal Nehru University (JNU), 25 October 2019.
181. *Origin and Development of Ancient Indian Basic Sciences and Technologies: An Archaeological Perspective*, India International Science Festival, Science City, Kolkata, 7 November 2019.
182. *Origin of South Asian People and Cutltures in the Light of Recent Archaeo-Genetic Research at Rakhigarhi*, Indian Museum, Kolkata, 7 November 2019.
183. *Archaeo-Genetic Research at the Harappan Site of Rakhigarhi*, Indian Institute of Science Education Research (IISER), Pune, 8 November 2019.
184. *Aryan Issues in the light of Recent Archaeo-Genetic Research at Rakhigarhi*, Indian School of Business (ISB), Hyderabad, 7 December 2019.

185. *New Perspective of Indian History in the light of Archaeo-Genetic Research*, Swanand Janakalyan Pratisthan, Pune, 02 February 2020.
186. *Applications of DNA Science to Reconstruct Authentic Early Indian History*, Vigyan Bharati (online), 11 April 2020
187. A series of six lectures on *Harappan Culture- New Perspective*, Indian Museum, (online), 17 April 2020.
188. *Ancient Burial Customs and the Stories they tell to us*, Rakhigarhi.com (online), 25 April 2020.
189. *Rakhigarhi and Recent Advances in Harappan Research*, Pradaya Heritage Management Services and Sathaye College, Mumbai, 29 April 2010
190. *History of Maharashtra as Revealed by Archaeological Records*, Puratattvasamvardhan (online), 1 May 2020.
191. *Harappan Civilization's Contribution to the Science and Technology Sphere*, 1st Maharshi Kanad Lecture (online), Central University of Himachal Pradesh, 5 May 2020.
192. *Rakhigarhi Excavations*, Nehru Science Centre (online), Mumbai 9 May 2020.
193. *Vedic Culture and Corresponding Archaeological Evidence*, Pragya Bharati (online), 21 May 2020.
194. *Early Historic Junnar*, Panash NGO (online), 31 May 2020.
195. *Impact of Climate on Rise and Fall of the Harappan Civilization*, Mission Devrai, on the occasion of World Environment Day (online), 5 June 2020.
196. *History of Forts in India*, Sindhujan Academy (online), 6 June 2020.
197. *Genesis and History of Yoga Science: Discussing Archaeological and Textual Sources*, National Monument Authority, New Delhi (online), 20 June 2020.
198. *Nature of Archaeological Sources and their Role in History Writing*, Department of AIHC and Archaeology, Vasanta College for Women, Varanasi, 21 June 2020.
199. *Scientific Investigations at the Harappan Site of Rakhigarhi*, Virtual Summer Internship by Dharohar and Kalakriti, 26 June 2020.
200. *New Approaches to History Writing*, Karwaan: The Heritage Exploration Initiative (online), 10 July 2020.
201. *Early Cultural Developments in the Saraswati Basin*, Punjab University (online), 26 July 2020.

202. *Recent a DNA Research at Harappan site of Rakhigarhi and its implications on Proto-historic Culture of Madhya Pradesh*, Directorate of Archaeology, Archives and Museums, Government of Madhya Pradesh, 28 July 2020.
203. *DNA Research and the Aryan Issues*, University of Allahabad, Prayagraj (online), 31 July 2020.
204. *Aryans and RigVedic Culture in the Light of Recent Archeogenetic Research*, Mission Devrai (online), 15 August 2020.
205. *Integration of the Ancient Indian Values and Knowledge System in the Modern Education System*, Vigyan Bharati, Shiksha Shilpi (online), 22 August 2020.
206. *Aryan Invasion Theory and Rakhigarhi Findings*, Centre for South Indian Studies, 25 August 2020.
207. *Archaeo-Genetic Research at the Harappan Site of Rakhigarhi and its Implication on the History*, Institute Colloquium, IIT, Palakkad, 26 August 2020.
208. *Chalcolithic India with Special Reference to Mewar, Rajasthan*, Department of History and Archaeology, Nagaland University, Kohima, 31 August 2020.
209. *Vedic Saraswati River and Culture in the Light of Recent Archaeogenetic Research at Rakhigarhi*, Himachal Pradesh University, Simla, 12 September 2020.
210. *Archaeo-Historical Research Approaches to the Reonstruction of the Past*, Research Methodology Workshop, Indian Council of Historical Research, New Delhi, 25 September 2020.
211. *Kuntasi: the Harappan Port on the Western Coast of India*, Shilahara Lecture Series, 28 November 2020.
212. *Archaeology: Fundamentals amd Relevane*, School of Planning and Architecture, Bhopal, 8 December 2020.
213. *Contributions of Prof. H.D. Sankalia to Indian Archaeology*, Special Memorial Lecture, Puratattvasamvardhan, 10 December 2020.
214. *100 Years of Research on the Harappan Culture: Achievements and Challenges*, Bihar Heritage Society and South Bihar Central University, 26 Janaury 2021.

Special Invited Lectures Delivered Abroad

1. *Excavations at Kuntasi*, in the Association of Crickley Hill Archaeological Trust, Cheltenham, U.K., 5th August 1989.

2. *Excavations at Kuntasi*. Faculty of Oriental Studies, University of Cambridge, U.K., 24th October 1989.
3. *Excavations at Kuntasi*. Department of Archaeology, Nottingham University, U.K., 10th November 1989.
4. *The Deccan Chalcolithic- A New Approach*. Centre for South Asian Studies, University of Cambridge, U.K. 28th June 1990.
5. *Harappan Impact on the Chalcolithic Cultures of Central India*, University of Wisconsin, Madison, USA, 19 October 1998.
6. *Harappan Interaction with the 3rd and 2nd Millennium B.C. Chalcolithic Cultures of India*, Harvard University, USA, 3 November 1998.
7. *Recent Researches on the Harappan Civilization in India*, International Research Center for Japanese Studies, Kyoto, Japan, 20 October 2000.
8. *Recent Trends in South Asian Archaeology*, Tokai University, Japan, 13 November, 2000.
9. *Urbanisation and its Dispersal in the 4th-3rd Millennium B.C. in West and Central South Asia*, Rikkyo University, Tokyo, Japan, 9 March 2001.
10. *New Evidence of the Origin and Development of Urban Society in the 4th and 3rd millennium B.C. in Western India*, Indian Archaeology Society, Tokyo, Japan, 10 March 2001.
11. *Harappan Civilization and the Dawn of Indian Culture*, Hiroshima University, Japan, 17 March 2001.
12. *Fundamentals of Archaeology*, Camberley School, Long Beach, USA, 15 October 2003.
13. *Indian Chalcolithic*, Department of Anthropology, University of Wisconsin, Madison, 23 October 2003.
14. *Some Issues related to the Origins of the Harappan Civilization*, Research Institute for Humanity and Nature, Kyoto, Japan, 6 March 2006
15. *A Multi-disciplinary Approach to Harappan Archaeology in India: A Case Study of the Ghaggar Basin*. Research Institute for Humanity and Nature, Kyoto, Japan, 29 April, 2006.
16. *Harappan Archaeology in India: Recent Researches*, Indian Archaeology Society, Tokyo, Japan, 12 May 2006.

17. *Harappan Archaeology in India: Recent Researches in the Ghaggar Basin*, Research Institute for Humanity and Nature, Kyoto, Japan, 5 June 2006.
18. *Climate and Culture: A Multi-Disciplinary Approach to the Harappan Archaeology in the Ghaggar Basin*- Research Institute for Humanity and Nature, Kyoto, Japan, 2 June 2007.
19. *Recent Advances in Harappan Archaeology in India*, Research Institute for Humanity and Nature, Kyoto, Japan, 11 June, 2007.
20. *Pre and Early Harappan Cultures of India*, Research Institute for Humanity and Nature, Kyoto, Japan, 8 June, 2008.
21. *Regional Variations of the Harappan Culture at Farmana*, Institute of Archaeology, London, 12 April 2010.
22. *Harappan Civilization: The First Bronze Age Culture of South Asia*, Department of Forensic Studies, Seoul National University of Medicine, Seoul, South Korea, 5 November 2010.
23. *Harappan Culture- New Discoveries in India and Pakistan*, The Korean National University of Cultural Heritage, Buyeo-gun, South Korea, 8 November 2010.
24. *Harappan Culture- New Discoveries in India and Pakistan*, Kyonggi University, Suwan, South Korea, 9 November 2010.
25. *Origins and Spread of Agricultural Communities in South Asia*, Sri Lanka Foundation, Colombo, 7 April 2012.
26. *Rakhigarhi: Proposed Research and Prospectus*, New York University, New York, USA, 4 May 2012.
27. *Origin and Development of Early Civilization of South Asia*, Bharati Vidhya Bhavan, New York, USA, 4 May 2012.
28. *Harappan and Megalithic: Heritage and Continuity*, Mokpo National University Department of History and Culture, Jeonnam, South Korea, 2 July 2012.
29. *Geophysical Investigation and Research Planning at Rakhigarhi*, Jahangirnagar University, Bangladesh, 11 November 2012.
30. *Contribution of the Harappan Civilization to the History of South Asia*, Liberal Arts University Bangladesh, 12 November 2012.
31. *South Asian History at a Glance*, Dongguk University, South Korea, 25 November 2013.

32. *Archaeological Research in South Asia*, Makpo University, South Korea, 27 November 2013.
33. *Harappan Civilization and its Contribution*, Jahangirnagar University, Dhaka, Bangladesh, 1 April 2014.
34. *Research and Planning at Rakhigarhi*, for National Geographic Society at Seoul National University of Medical College, Seoul, 28 June 2016.
35. *Recent Advances in Field Methods*, Rajagala Archaeological Park, Sri Lanka, 5 September 2016.
36. *Recent Advances in Archeeological Excavation and Recording Methods*, Rajagala Archaeological Park, Sri Lanka, 6 September 2016.
37. *New Perspective on the Harappan Civilization with Special Refence to Rakhigarhi and Dholavira*, Peradeniya University, 8 September 2016.
38. *Current Researches on the Origin and Development of Agricultural Societies in South Asia*, Institute of Archaeology, Chinese Academy of Social Sciences, Beijing, 25 October 2016.
39. *Harappan Civilization and Rakhigarhi*, Institute of Archaeology, Chinese Academy of Social Sciences, Beijing, 25 October 2016.
40. *Ancient Indian Heritage with special Reference to the Harappan Research in the Saraswati Basin, India*. National Research Institute for Cultural Properites at the National Musuem, Tokyo, Japan, 26 September 2017.
41. *Importance and Relevance of Rajagala Research Project*, Rajagala Archaeological Park, Sri Lanka, 21 May 2018.
42. *Advances in Archeeological Excavation and Recording Methods*, Rajagala Archaeological Park, Sri Lanka, 22 May 2018.
43. *Cultural Development in South Asia*, Rajagala Archaeological Park, Sri Lanka, 23 May 2018.
44. *Harappan Civilization of South Asia*, Rajagala Archaeological Park, Sri Lanka, 24 May 2018.
45. *Harappan Civilization and Rakhigarhi*, University of Peradeniya, Sri Lanka, 25 May 2018.
46. *Recent Research on the Harappan Civilization with Special Reference to Rakhigarhi*, Etvos Lorand University, Budapest, Hungary, 5 November 2018.

47. *Harappan Culture of South Asia: Recent Perspective*, University of Kelannia, Sri Lanka, 13 March 2019.
48. *Origin and Development of Agricultural Communities in South Asia*, Ariel University, Israel, 25 February 2020.
49. *First Farmers of India with Special Reference to Mewar, Rajasthan*, Sri Jayewardhanapura University, Sri Lanka, 23 May 2020.
50. *Implications on the History of the Recent Archeogenetic Findings at Rakhigarhi*, Association of Indians at Seattle, USA, 19 June 2020.
51. *Multi-disciplinary Approaches to the Reconstruction of Authentic History*, at the International Faculty Development Programme organized by the University of Ottawa, Canada and St. Xavier Institute of Education, 6 August 2020.

Membership of Learned Societies:

1. Life member of Indian Society for Prehistoric and Quaternary Studies.
2. Life member of Indian Archaeological Society.
3. Member of Indian Science Congress.
4. Member of Indo-Pacific Prehistory Association.
5. Member of International Secretariat for Research on the History of Agricultural Implements, Denmark.
6. Member of the Association of South Asian Archaeologists in Western Europe.
7. Member of the World Archaeological Congress, Southampton, England.
8. Member, Asian Lake Drilling Programme, Kyoto, Japan.
9. Member, International Congress of Prehistoric and Protohistoric Sciences.
10. Founder and Life Member, Society of South Asian Archaeology (SOSAA).
11. Life Member, Bhandarkar Oriental Research Institute, Pune.
12. Member, Association of Environmental Archaeology, UK.
13. Founder-Life Member, International Association for Asian Heritage (IAAH), Sri Lanka.
14. Advisory Member, South Asian Heritage Association.
15. Member, Dolmen Society of Northeast Asia, South Korea.
16. Member, Society for American Archaeology, Washington DC, USA.
17. Member, Shanghai Archaeology Forum, Shanghai, China
18. Honourary Member, Deccan Heritage and Conservation Trust.
19. President, Rajasthan History Congress, 2019-20.
20. President, Society for Awareness in Art and Heritage (SARH).

Seminars/Conferences attended and papers presented:

National

1. Seminar on Iconography and Epigraphy in Marathawada, Shivaji College, Kandhar, 22-27 March 1984.
Paper presented: **Kandhar yethil kahi murti (in Marathi).**

2. National seminar on Problems of Documentation, Presentation and Popularization of Rock Art, Bhopal, 7-9 January, 1991.
Invited to demonstrate manufacture of prehistoric tool technology.
3. XXth Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Dharwad, 6-8 November 1992.
Paper presented: **New Features of the Harappans in Saurashtra Revealed through the Excavations at Padri.**
4. XXIst Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Bareilly (U.P.), 4-6 December 1993.
Paper presented: **Pre-Harappan Culture in Gujarat with Special Reference to Padri.**
5. Seminar on Source Material of Ancient History of Rajasthan- Earliest times to 1000 A.D., Udaipur, 21-22 October 1994.
Paper presented: **Early Farming Communities of Southeast Rajasthan.**
6. National Seminar on Ancient Indian Trade, Allahabad Museum, 21-23 March 1995.
Paper presented: **Hinterland Trade Mechanism and Social Organization of the Harappans in Gujarat.**
7. XXIIInd Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Gorakhpur, 4-7 November 1995.
Paper presented: **Chalcolithic Architecture at Balathal.**
8. Fourth Annual Conference of Shivaji Vidyapeeth Itihas Pradhyapak Parishad, Dayanand College, Solapur, 17-19 November 1995.
Delivered Section (Ancient History) Presidential Address: **Indian Archaeology: Problems and Perspectives.**
9. XXIIIrd Annual Conference of Indian Society for Prehistoric and Quaternary Studies, New Delhi, 24-26 November 1996.
Paper presented: **Architectural Remains at Balathal.**
10. XXIVth Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Srinagar, 16-18 October 1997.
Paper presented: **Chalcolithic Architectural at Balathal: Summary of new discoveries.**
11. Sixth All Maharashtra History Congress, Udgir, 3-4 January 1998.
Delivered Ancient India Section Presidential Address.
12. Seminar on Models in History, Banaras Hindu University, Banaras, 24-26 August 1998.
Paper presented: **Models in Archaeology.**

13. The Indus Flows on: The Origin and Diffusion of the Culture, Indian Museum, Calcutta, 2-3 February 1999.
Paper presented: **Impact of the Harappan Civilisation on the Chalcolithic Culture of Central India with Special Reference to Balathal.**
14. Ethnicity and Archaeology, Saputra, 29-30 April 1999.
Paper presented: **Ethnicity as Reflected in Archaeological Material.**
15. XXVIIth Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Deccan College, Pune, 27-30 December 1999.
Papers presented:
 1. **Harappan Civilization: New Concept about Terminology and Origin.**
 2. (with Misra et. al.) **Excavations at Balathal- 1998-99: Preliminary Results.**
16. Seminar on the Significance of Site Formation Processes Research in Indian Archaeology was held on 30th December.
Paper presented (with Ritu Mehrotra): **A Study of Formation Processes of Chalcolithic Sites in the Mewar Region of Rajasthan with Special Reference to the site of Balathal.**
17. Early Historic Rajasthan and Contemporary North Indian Cultures, Institute of Rajasthan Studies, Rajasthan Vidhyapeeth, Udaipur, 10-11 August 2000.
Paper presented: **Archaeology of the Early Historic Phase in Mewar.**
18. XXIXth Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Department of Ancient History and Archaeology, M.S. University of Baroda, 24-26 November 2001.
Paper presented:
 1. **Excavations at Gilund- A Preliminary Results**
 2. **(with L. Pandey) Ethno-archaeological Study of Iron Technology in Mewar.**
19. Mewar through the Ages, Institute of Rajasthan Studies, Rajasthan Vidyapeeth, Udaipur, 9-11 August 2002.
Paper presented: **Mewar during the Protohistoric Times.**
20. Khandesh Itihas Parishad, Nizampur, Dhule, 19-20 February 2004. Delivered Presidential Address entitled
Archaeology of Khandesh- The Recent Perspective.
21. National Seminar on the History of Water and Land Management in South India, Indian Council of Historical Research, Bangalore, 10-12 September 2004.
Paper presented: **Land and Water Management during the Protohistoric Period in the Deccan.**
22. Harappan Civilization: Problems and Prospective, M.S. University of Baroda, 11-12 December 2004.
Paper presented: **Sorath Harappan: Myth and Reality.**

23. XXXIInd Annual Conference of Indian Society for Prehistoric and Quaternary Studies, State Department of Archaeology, Lucknow, 27-31 December 2004.
Paper presented: **Excavations at Siddhapur Solapur District.**
24. History of Science and Technology in India, IIT Kanpur, 17-20 January 2005.
Paper presented: **Chalcolithic South Asia: Aspects of Crafts and Technologies.**
25. History of Science and Technology in India, Nainital University, Nainital, 8-11 December 2005.
Paper presented: **(with Shweta Sinha Deshpande) Chalcolithic Crafts and Technologies.**
26. XXXIII Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Bangalore, 15-18 December 2005.
Paper presented: **Early Farming Cultures of Mewar with Special Reference to the sites of Balathal and Gilund.**
27. Prof. H.D. Sankalia Birth Centenary Seminar “Review of Recent Research and Methodological Trends in Indian Archaeology” 10-12 December 2007.
Paper presented: **Protohistoric Investigations in the Indo-Gangetic Plains.**
28. History of Indian Science and Technology, Deccan College, Post-Graduate and Research Institute, Pune, 13-16 December 2007.
Paper presented: **Chalcolithic South Asia: Aspects of Technology.**
29. Annual Conference of the Indian Archaeological Society and Indian Society for Prehistory and Quaternary Studies, Bhuvaneshwar, 29-31 December 2008.
Paper presented: **Excavations at Farmana 2007-08.**
30. Annual Conference of the Indian Archaeological Society and Indian Society for Prehistory and Quaternary Studies, Allahabad, 14-17 November 2009.
Chaired sessions.
31. 8th Brihan Maharashtra Prachya Vidya Perishad, Ratnagiri, Maharashtra, 26-28 December 2009.
Delivered History and Archaeology Section Presidential Address: **Archaeology and History of Konkan.**
32. A Seminar on Ancient and Cultural History of Konkan: New Trends, Khed, Maharashtra, 20-21 February 2010.
Delivered Inaugural Presidential Address. **Konkan During the Early Historic Period.**
33. A Seminar on Aryan Invasion Theory: Facts and Fallacies, Department of Anthropology, University of Pune, Pune, 4 March 2010.
Paper presented: **Decline of the Harappan Civilization: Causes and Consequences.**

34. Recent Archaeological Achievements in India and Facets of Buddhism, Department of AIHC and Archaeology, University of Lucknow, Lucknow, 28-30 December 2010.
Paper presented: **Recent Protohistoric Research in Mewar and Haryana.**
35. Seminar on History of Indian Science and Technology, Science Centre Udaipur, 12-14 January 2011.
Paper presentation: **Aspects of South Asian Chalcolithic Technology.**
36. Indian History Congress, Malda, West Bengal, 11-13 February 2011.
Delivered Archaeology Section Presidential Address: **Protohistoric Research in South Asia: Achievements and Challenges.**
37. National Seminar on Indian Archaeology through the Ages, University of Calcutta, 28-29 March 2011. Presided over the Inaugural Session.
Paper presented: **Excavations at Farmana.**
38. National Seminar on Archaeological Excavations in India: New Perspectives, Centre for Archaeological Studies and Training, Eastern India, Kolkata, 5-6 November 2011.
Paper presented: **New Approaches to Excavation of a Habitation Site: A Case Study of Farmana.**
39. Future of the Past, Mini Workshop organized by TIFR and ICTS, Mangalore, 22-26 November 2011.
Paper presented: **Ancient Architecture and Town Planning.**
40. National Seminar on Harappan-Gangetic Connections: Recent Archaeological Perspective, Allahabad Museum, Allahabad, 29-30 September 2012.
Paper Presented: **Ghaggar-Gangetic Doab Connection in the 4th-3rd Millennia BCE.**
41. Regional Workshop on Archaeology of Western India, organized jointly by Archaeological Survey of India and Deccan College, held at Department of Archaeology, Deccan College, 5-6 November 2012.
Paper presented:
 1. **Understanding Origins and Development of Village life in Mewar: Results of Excavations at Balathal and Gilund.**
 2. **Recent Archaeological Research on Early Historic Culture at Junnar.**
 3. (with Udayan) **Typological Study of Iron Objects from Iswal (Early Historic Phase), Rajasthan.**
 4. (Poster Presentation with Astha Dibyopama) **Economic Condition of the Chalcolithic Community in Mewar Region with Special Reference to Balathal and Gilund.**
42. Archaeology and Cultural Diversity, Joint Annual Conference of IAS, ISPQS and IHCS, M.S. University of Baroda, Vadodara, 22-24 November 2012.

Paper presented: (with S. Joshi). **Brick Structure from Mature Harappan level Discovered by Electrical Resistivity Survey at Farmana, Haryana.**

43. National Seminar on Local History of Mumbai: Western Sea Coast, Shri M.D, Shah Mahila College of Arts and Commerce, Mumbai, 27-28 February, 2013. Delivered Presidential Address: **History and Archaeology of Mumbai.**
44. National Workshop on Analytical Strategy: Experimental Archaeology, University of Allahabad, Allahabad, 18-24 March 2013.
Delivered lectures on:
 1. **Archaeological Data recovery and analysis: New Methods,**
 2. **Methods of Classification and Analysis of Pottery,**
 3. **General features of Pottery of South Asia.**
45. 9th Annual Conference of Khandesh Itihas Parishad, 29 July 2013. Delivered Presidential Address: **Source Material of Archaeology and History.**
46. National Seminar on History and Traditional Technology of Storage and Agrarian System in India, Udaipur, 27-28 October 2013.
Delivered Key Note Address: **Development of Agrarian Society in Mewar: Recent Evidence.**
47. National Seminar on Harappan Civilization: Recent Perspective, Samvidhya Kendra, Pune 2-3 August 2014.
Paper presented: **Settlement Pattern of the Harappan Culture in the Ghaggar Basin.**
48. National Seminar on Historiography and the Regional History, C.T. Bora College, Shirur, 29-30 September 2014.
Keynote Address: **Archaeology and the Regional History**
49. Seminar on Archaeology and Language and Joint Annual Conference of Indian Archaeological Society, Indian Society for Prehistoric and Quaternary Studies and Indian History and Culture Society, Pune, 6-9 October 2014.
 1. **Transition from Hunting-Gathering to Agriculture in Mewar: A Case Study of Gilund and Bagor.**
 2. **(et al.) Ancient DNA on the Animal Bones from Rakhigarhi Site of the Harappan Civilization (Poster)**
 3. **(with Uday Kumar) Evidence of Iron Smelting from Iswal, Southeast Rajasthan: Archaeological and Ethnographic Study.**
50. The Indian Institute of Metals- NMD ATM 2014 Conference on Redefining the Horizons of Metallurgy/Materials, College of Engineering, Pune, 12-15 November 2014.
Invited Lecture: **Copper and Iron Age Cultures of Indian Subcontinent.**
51. Pottery workshop at Institute of Archaeology, Archaeological Survey of India, New Delhi, 27 November 2014.

Lecture on: **Chalcolithic Ceramic Tradition in South Asia.**

52. Discussion meeting on Indian Metallic Heritage: Perspectives and Issues on Characterisation and Conservation of Ancient Metallic Objects, India International Centre, New Delhi, 03 December 2014.
Invited to speak on **Ancient Indian Metal Heritage.**
53. National Conference on Ancient Science Technology: Retrospection and Aspiration, Fergusson College, Pune, 10 January 2015:
Keynote Address: **Development of Science and Technology: An Archaeological Perspective**
54. 4th Bharatiya Vigyan Sammelan and Expo Goa held at Panji, Goa on 6-7-8 February 2015.
Delivered lecture on **Historical development of science and technology in India.**
55. Invited as chief guest in National Conference at Deshbhakt Sambhajirao Garad Mahavidhyalay, Mohol and collaboration with Solapur History Research Council on 10th and 11th February 2015.
56. Anthropological Survey of and Archaeological survey of India jointly organised seminar on “Harappan Civilization: Conservation, Inventorization, Study and Research of Skeletal Remains, on 26th – 27th February 2015 at Anthropological Survey of India, Eastern Regional Centre, , Kolkata.
Paper presented: **Harappan Burial Custom with special reference to Farmana.**
57. Chief Guest and delivering the keynote address in 8th Annual National Conference on ‘Ancient Science and Archaeology’ at Birla college of Arts, Science & Commerce, Kalyan, as a Chief Guest on Monday, 9th March , 2015.
58. Invited for book inauguration “Origin of the Vedic Religion and Indus-Ghaggar Civilization” by Sanjay Sonawani on Friday April 10, 2015.
59. National Seminar on Indian Civilization (2000-500 B.C.) Organized by Vivekananda International Foundation in association with Archaeological Survey of India on 17-18th June 2015.
Paper presented: **Chalcolithic Western India and Deccan Plateau**
60. National Seminar on Neolithic/Chalcolithic Cultures of India with Special Reference to Bihar, Bodhgaya Museum, Bodh Gaya, 28 September 2015.
Delivered Presidential Address: **Origins of Agriculture with Special Reference to Bihar**
61. 24th Session of Akhil Maharashtra Itihas Parishad held at S. N. College, Bhayandar, 27 November 2015.
Delivered Presidential Address: **Relevance of Archaeology and New Developments in History/Archaeology of Maharashtra.**

62. Seminar on Chronology of Indian Culture since the Beginning of Holocene through Scientific Evidences, I-Serve Delhi Chapter, 15 July 2016.
Paper presented: **Beginning of the Harappan Culture in the Ghaggar Basin.**
63. National Seminar on Emergence of Language, Culture and Technologies, JNR University, Udaipur, 7-9 November 2016.
Paper presented: **Aryans: Myths or Reality**
64. National Workshop on Laser Based Conservation of Heritage Sites and Artefacts, Cummins Engineering College Campus, Pune, 15-16 November 2016.
Paper presented: **Heritage Conservation in India: Practices and Challenges.**
65. National Seminar on New Insights and Historical Perspectives: Reviving India's Past, Dept. of AIHC and Archaeology, Allahabad University, 9 December 2016.
Paper presented: **Research Planning and Development at Rakhigarhi, the Harappan Site.**
66. National Seminar on Ancient Indian History Writing: Perspective and Futuristic Dimensions, Banaras Hindu University, Varanasi, 23-25 March 2017.
Special Lecture on **Review of Archaeological Research in South Asia: Historiographic Perspective.**
67. National Seminar on Antiquity, Continuity and Development of Civilization and Culture in Bharat (India) up to 1st Millennium BC, Indian Council of Historical Research, New Delhi, 27-29 March 2017.
Paper presented: **Harappan Impact on the Chalcolithic Cultures of Central India and Deccan.**
68. National Seminar on Archaeology, History, Art, Museums and Folklores of the NE India, Rajiv Gandhi Central University, Doimukh, Arunachal Pradesh, 20-22 April 2017.
Address as Chief Guest at the Validictory session: **Cultural Significance of the Northeast India.**
69. National Convention on Digital Initiatives for Higher Education organised by the HRD Ministry and UGC, New Delhi, 8th July 2017
Paper presented: **Digital Initiatives of Deccan College in the Field of Indian Heritage.**
70. Sanskriti Samvaad Shrinikula at the Indira Gandhi National Centre for the Arts, New Delhi, 19 July 2017.
Paper presented: **Kalibangan and its Contribution to the Harappan Research.**
71. Organized History of Science Seminar on behalf of the Indian National Science Academy, New Delhi on 15 September 2017.
Paper presented: **Water Harvesting and Management System during the Harappan Times.**

72. 72. 26th Akhil Maharashtra Itihas Parishad, Bora College, Shirur, 17 November 2017.
Delivered Presidential Address on **The Statuts of Research on History and Archaeology of Maharashtra.**
73. Seminar on Folklore and Traditions, India International Centre, New Delhi, 18 November 2017.
Paper presented: **Continuity of Harappan Legacy of Time.**
74. Seminar on History of Science, Bose Institute, Kolkata, 24-25 November 2017.
Special Lecture: **Technological and Scientific Advances during the Harappan Times.**
75. Seminar on Revisiting the Hill-Valley Connection in Northeast India, Jawahrlal Nehru University, New Delhi, 5-6 January 2018. **Chaired one session.**
76. National Conference on Indian History Writing: Present Scenario and Prosects, University of Rajasthan, Jaipur, 20 January 2018, **Chief Guest at Valedictory Session.**
77. National Seminar on Archaeology of the Deccan, Solapur University, Solapur, 27 January 2018, Delivered Keynote Address: **Archaeology of Deccan: Recent Perspectives.**
78. Water Management in Ancient India, The Asiatic Society of Mumbai, Mumbai, 24 February 2018.
Delivered Validictory Address on *Water Harvesting and Management System: Some Examles from Harappan and Chalcolithic Periods.*
79. National Conference on Archaeology, Heritage and Religion in South Asia, Presidency University, Kolkata, 14 March 2018.
Keynote Address: **Archaeological Methodology for the Reconstruction of Our Past.**
80. National Seminar on Indegenous Knowledge: Special Focus on the Tribes and Communtieis of Northeast India, Nandalal Borgohain City College, Dibrugarh, 27 April 2018.
Delevered Keynote address on **Genesis of Indian Knowledge System and chaired on Session.**
81. National Workshop on Digital Museum on Metallic Ojects, Deccan College, Deemed University, 21-22 July 2018.
Deliver Keynote Address on **Metals in Antiquity.**
82. National Conference of Vice Chancellors and Directors on Research and Innovation in Higher Education, 26-28 July 2018.
83. 3rd Haryana History Congress, Starex University, Gurugram, 20 October 2018.

Delivered General Presidential Address: *Early Cultural Developments in Haryana*.

84. Annual Conference of the Indian Archaeological Society held at Patana, 6-8 February 2019.
Paper presented: *Recent Advances in the Harappan Research with Special Reference to the Saraswati River Basin*, S.P. Gupta Memorial Lecture.
85. National Seminar on the Saraswati Civilisation: Recent Perspective, Indira Gandhi National Centre for Arts, New Delhi, 11 February 2019.
Paper presented: *Harappan Civilization and Rakhigarhi*.
86. Interpretation of the Sindhu-Saraswati Landscape in Haryana, Chitkara University, Chandigarh, Punjab, 2 April 2019.
Paper presented: *Rakhigarhi and Surrounding Settlements*
87. An Integrative Platform for Research on the Reconstruction of the Past India, Leh, Ladakh, 8-12 July 2019.
Paper presented: *New Research Dimensions in Harappan Archaeology: A Case Study of Rakhigarhi*.
88. Saraswati Civilization: A Paradigm Shift in Indology, Delhi University, 2 August 2019.
Paper presented: *Harappan and Rig Vedic Culture: Recent Evidence from Rakhigarhi*
89. National Symposium on Way towards Interdisciplinary Studies in Indian History, Bhandarkar Oriental Research Institute, Pune, 28th September, 2019.
Paper presented: *Making of National Maritime Heritage Complex at Lothal*.
90. Joint Annual Conference of IAS, ISPQS and HCS, University of Kerala, Trivandram, Kerala, 9 November 2019.
Presented B. Subbarao Memorial Lecture on *Archaeo-Genetic Research at Rakhigarhi and its Implication on History*.
91. 34th Session of Rajasthan History Congress- 2019, Institute of Advanced Studies in Education, Deemed to be University, Sardarshahr, Churu, Rajasthan.
Delivered Presidential Address on *Place of Rajasthan in the History of South Asia*.
92. National Seminar on Maritime Trade and Technologies, University of Pondicherry, 2-3 March 2020.
Paper presented: *National Mission on the Development of Maritime Heritage Complex at Lothal*.

Seminars/Conferences attended and papers presented:
International

1. International Seminar on Recent Advances in Indian Archaeology, Pune, India, 11-14 December 1983.
Paper presented: **Kaothe: A Late Harappan Settlement in the Central Tapi Basin.**
2. Conference of the South Asian Archaeologists in Western Europe, Aarhus, Denmark, 1-5 July 1985.
Paper presented: **Excavations at Kaothe: A Chalcolithic Settlement in Central Tapi Basin.**
3. Seminar on Experimental Archaeology, Beaune, France, 6-9 April 1988.
Paper presented: **Experimentation in Archaeology: An Ethnographic Model.**
4. International Seminar on New Archaeology, organized by the Indian Council of Historical Research, New Delhi, India, 19-24 October 1989.
Offered comments on four papers.
5. International Seminar on Climatic Change and Human Response: Last Two Million Years, Pune: India, 19-23 December 1990.
Papers presented:
1. The Establishment of a Farmstead at Walki in Western India around 1400 B.C.
2. (with P.B. Gambhir) Burial customs among some tribes in Maharashtra- An ethno-archaeological study.
6. World Archaeology Congress-3, New Delhi, India, 4-11 December 1994.
Paper presented: **Early Harappans in Gujarat with special Reference to Padri.**
7. The Indo-Pacific Prehistory Association (IPPA), 16th Congress, Melaka, Malaysia, 1-7 July 1998. Organized a Session on Early Farming Communities of South Asia.
Paper presented: **Origin and Development of the Chalcolithic Phase in Central India: The Recent Evidence From Balathal.**
8. Seminar on the Present and Future of Indus Valley Civilisation, University of Wisconsin, Madison, 16-18 October 1998.
Paper presented: **Early Harappan Phase in Saurashtra with Special Reference to Padri.**
9. Settlement Archaeology, MacDonald Institute of Archaeology, University of Cambridge, England, 25-26 March 1999.
Paper presented: **Early Settlements in Central India with Special Reference to Origin and Development.**
10. Conference of the South Asian Archaeologists in Western Europe, Leiden, Netherlands, 5-9 July 1999.
Paper presented: **Origin and Development of Village Life in the Mewar Region of Rajasthan.**

11. Human Mate Choice and Prehistoric Marital Network, Kyoto, Japan, 20-24 November 2000.
12. Monsoon and Civilization (2nd Asian Lake Drilling Programme Workshop), Pune, India, 15-19 January 2001.
Papers presented:
 1. (with Y. Yasuda) **Holocene Climatic (Monsoon) Change and the Emergence and Decline of the Early Farming Community in Western India.**
 2. (et al.) **Solar Forcing of Climate Change and a Monsoon-Related Cultural Shift in Western India around 800 cal BC.**
 - (et al.) **Harappan Civilization and Palaeobotanical Evidences of Climatic Change in Eurasia around 4000 Years BP.**
13. Early Bronze Age Cultures, Peking University, China, 24-26 February 2001.
Paper presented:
 1. **Copper/Bronze Age Cultures of South Asia.**
 2. (with Kharakwal and Yasuda) **Beginning of Metallurgy and Bronze Age Cultures of India.**
14. High Resolution Lake Sediment Records in Climate and Environment Variability Studies, (6th ELDP Workshop), Potsdam, Germany, 11-16 May, 2001.
Paper presented: **(jointly with Yasuda) Problem Oriented Environmental Archaeology: An ALDP Research in India.**
15. XIVth International Congress of Prehistoric and Protohistoric Sciences, University of Liege, Belgium, 2-8 September 2001.
Paper Presented: **Origin and Development of Early Farming Communities in South Asia.**
16. Environmental Changes and Rise and Fall of Civilizations (3rd ALDP/ELDP Joint Symposium), Kyoto and Mikata, Japan, 4-10 November 2001.
Papers presented:
 1. (et.al) **Climate Fluctuations and Rise and Fall of the Harappan Civilization of South Asia.**
 2. (et. al) **Cord Impressed Ware and Rice Cultivation in Different Regions of Asia: Possibilities of Inter-link.**
17. The Indo-Pacific Prehistory Association (IPPA), 17th Congress, Taipei, Taiwan, 9-16 September 2002.
Organized a Session on Human Response to Holocene Climatic Fluctuations in China and South Asia.
Paper presented: **Origin, Development and Decline of Early Farming Community in Mewar: A Response to Fluctuating Climatic Conditions.**
18. Rise of Civilization in the Greater Indus Valley and Saraswati: Recent Interpretations, California State University, Long Beach, 17-18 October 2003.
Paper presented: **Chalcolithic Cultures of Rajasthan: Cultural Processes and Interactions.**

19. 32nd Annual Conference on South Asia, University of Wisconsin, Madison, 24- 26 October 2003.
Paper presented: **Chalcolithic Cultures of Mewar: Their Interactions with the Harappans.**
20. Biennial Conference of the European Association of South Asian Archaeologists held at the British Museum, 4-8 July 2005.
Paper presented: **Chalcolithic Culture of Mewar and its Relation to the site of Gilund.**
21. International Seminar on First Farmers in Global Perspective, Lucknow, India, 18-20 January 2006.
Paper presented: **Climatic Changes and Emergence and Growth of Agricultural Communities in Mewar, Rajasthan.**
22. The Indo-Pacific Prehistory Association (IPPA), 18th Congress, Manila, Philippines, 20-26 March 2006.
Paper presented: **The Place of Junnar in the International Trade during the beginning of Christian Era.**
23. 1st International Seminar on South Asian Archaeology, Department of History, University of Mumbai, 26-18 December 2006.
Convener of the Seminar
24. Seven Thousand Years of Culture and Civilization of Hissar, Damghan, Iran, 16-18 February 2007.
Paper presented: **Cultural Contact between Central India and Iran during Protohistoric Period.**
25. Indus Civilization- Recent Researches in India and Pakistan, Research Institute for Humanity and Nature, Kyoto, Japan, 2-3 June 2007.
Paper presented: **Exploration and Excavation in the Ghaggar Basin- 2006-07.**
26. XIX International Conference on South Asian Archaeology, Ravenna, Italy, 2-6 July 2007.
Paper presented:
 1. **Gilund Excavations 1999-2005: An Overview.**
 2. **Harappan Archaeology in the Ghaggar Basin: Results of the Recent Exploration and Excavation work.**
 4. **Chaired a Prehistoric South Asia session.**
 5. **Organized a panel discussion on Excavations at Gilund 1999-2005.**
27. World Archaeology Inter Congress on Archaeological Invisibility and Forgotten Knowledge, University of Lodz, Poland, 5-8 September 2007.
Paper presented: **Pottery Manufacture Process in Western India: An Ethno-archaeological Study.**

28. 2nd International Congress of the Society of South Asian Archaeology, Shiraz, Iran, 25-29 May 2008.
Paper presented: **Ghaggar Harappan Project: Report on the Recent Research.**
29. Indus Project Meeting, Research Institute for Humanity and Nature, Kyoto, Japan, 6 June 2008.
Paper presented: **A Report on the Excavations at Farmana, a Harappan site in the Ghaggar Basin.**
30. The Cultural Relations Between the Indus and Iranian Civilizations During the Third Millennium BCE, Research Institute for Humanity and Nature, Kyoto, Japan, 7-8 June 2008.
Paper presented: **Pre/Early Harappan Cultures to the East of the Indus Valley.**
31. Indus Project Meeting, Research Institute for Humanity and Nature, Kyoto, Japan, 28 June 2009.
Paper presented: **A Report on the Excavations at Farmana 2008-09, a Harappan site in the Ghaggar Basin.**
32. 11th Harvard Round Table, Kyoto Session, Kyoto, Japan, 29-30 June 2009.
Paper presented: **Burial Customs in the 3rd and 2nd Millennia BC in the Ghaggar and Kutch, India.**
33. VIIth International Seminar on Beginning of the Use of Metals and Alloys (BUMA), Bangalore, India, 13-17 August 2009.
Paper presented: **Status of Research in Scientific Archaeology in India.**
34. International Seminar on Buddhist Heritage, Western India, Baroda, 15-17 January 2010.
Paper presented: **Junnar: an Important Buddhist Centre in Western India.**
35. International Seminar on Harappan Culture in Gujarat, Bhuj, India, 28-31 January 2010.
Paper presented: **Sorath Harappan: a Regional Manifestation.**
36. International Workshop on “The Formation of European Prehistoric Population Dynamics and Roots of Socio-Cultural Diversity”, Newcastle University, Newcastle, U.K, 14-16 April 2010.
Paper presented: **The Formation of South Asian Prehistoric Population Dynamics and Roots of Socio-Cultural Diversity.**
37. 20th Conference of the European Association for South Asian Archaeology and Art, University of Vienna, Austria, 4-9 July 2010.
Paper presented: **(et. al) Harappan Architecture and Cemetery at Farmana in the Ghaggar Basin, India: An Analytical Approach.**
38. 3rd International Congress of the Society of South Asian Archaeology, University of Kelania, Colombo, 20-21 August 2010.

Papers presented:

- 1. (with Sutapa Lahiri) An Ethno-archaeological study of the Space Utilization during the Mature Harappan Period with Special Reference to Farmana, Rohtak District, Haryana.**
 - 2. (with Ozra Rounaghy) Role of Trade in Cultural Interactions during the Prehistoric Era in South Asia.**
 - 3. (with Nisha Sawant) On the Functional Aspects of the Architectural Remains at the Shivneri Fort, Maharashtra, India.**
39. Asian High-Tin Bronzes: Production Technology and Regional Characteristics, Tokyo National University of Fine Arts and Music, Tokyo, Japan, 19-22 November 2010.
Paper Presented: **(with Shweta Sinha Deshpande) The Bronze Age Civilization of South Asia: An Overview.**
40. The Environment and Civilization: Past, Present and Future, International Research Center for Japanese Studies, Kyoto, Japan, 30 November- 6 December 2010.
Paper Presented: **Decline of the Harappan Civilization: Causes and Consequences.**
41. International Seminar on India and Iran: Our Cultural Legacy of the Past, Poona College, Pune.
Paper presented: **India-Iran Contacts during the 4th-2 Millennia BCE.**
42. 1st Biennial Conference of the International Association for Asian Heritage, Sri Lanka Foundation, Colombo, 7-8 April 2011.
Delivered Keynote Address: **Origins of Agricultural Communities in South Asia.**
43. UKIERI Dissemination Seminar on Pioneer Ferrous Metallurgy, National Institute of Advanced Study, IISc Campus, Bangalore, 16-18 November.
Paper presented: **Status on Scientific Archaeology in India.**
44. International Conference on Archaeology and Cultural Heritage in Pakistan and Adjacent Regions, Islamabad, 5-8 January 2012.
Paper presented: **Recent Researches on the Harappan Culture in the Ghaggar Basin with Special Reference to Girawad and Farmana.**
45. International Conference on Art and Architecture in the Indian Subcontinent, Dayananad College, Solapur, 17-19 February 2012.
46. International Seminar on Art and Archaeology of Madhya Pradesh and the Adjoining Region, Bhopal, 14-15 March 2012.
Paper presented: **Iran and Central Indian Contact during the 3rd and 2nd Millennia BC.**
47. International Seminar on Harappan Sites in Western India (Gujarat), Deccan College, Pune, 22-24 March 2012.

- Paper presented: **Development of Sorath Harappan: A Case Study of Padri and Kuntasi.**
48. Global Heritage Fund Workshop on Cultural Heritage in Developing World, Pocantico Center of the Rockefeller Brother's Foundation, Terrytown, New York, USA, April 29- May, 2, 2012.
Paper presented: **Rakhigarhi: Proposed Research and Development.**
 49. The Forum on Global Heritage in a Developing World: Focus on Asia, Asia Society, New York, USA, 3 May 2012.
Paper presented: **Heritage Planning for the Indus Heritage: New Breakthroughs.**
 50. Anand Coomaraswami Memorial Conference on Asian Art and Culture, Centre for Asian Studies, University of Kelania, Sri Lanka, 8-10 September 2012.
Paper presented: **Evolution of Architecture and Town Planning in Early Southwest India.**
 51. Consultative Workshop for the Establishment of UNESCO Category II Centre in India, 28 September 2012.
Offered comments and suggestions
 52. International Seminar on the Harappan Archaeology, Chandigarh, 27-29 October 2012.
Paper presented: **Harappan Burial Practices in the Ghaggar Basin with Special Reference to Farmana.**
 53. Conducted Workshop on Latest Methodologies in Field Archaeology and Documentation, Jahangirnagar University, Bangladesh, 10 November 2012.
 54. International Seminar on Recent Advances in Indology, Samvidhya Institute of Cultural Studies, Pune, 29-31 March 2013.
Paper presented: **Harappan Burial Practices at Farmana and Sanauli.**
 55. Dialogue of Civilizations: The Past as a Window to the Future, Guatemala City, Guatemala, 15-17 April 2013.
Paper presented: **Indus Civilization (Harappan Culture): An Overview.**
 56. Inaugural Conference of Shanghai Archaeology Forum, Shanghai, 22-27 August 2013.
Chaired Academic Session and presented views on future scope and development of the Forum.
 57. NMA – IIC Workshop on WORLD HERITAGE SITES IN CONTEXT: DEFINING INDIAN CULTURAL LANDSCAPES, New Delhi, 9 - 11 December 2013.
Paper presented: **Harappan Sites Developmental Plan in the Ghaggar Basin: A Case Study of Farmana and Rakhigarhi.**

58. 5th International Congress of Society of South Asian Archaeology, Raipur, 14-18 February 2014.
Paper presented: **South Asian Protohistory- Problems and Prospects.**
59. International Seminar on Determining Cultural Continuity since Vedic and Epic Eras, Institute of Scientific Research on Vedas, Delhi Chapter, 23-24 February 2014.
Paper presented: **Relationship between RigVedic and Harappan Civilization: Arts and Crafts and their Continuity through the Ages.**
60. International Scientific Conference on Heritage of South-East Turkmenistan in the System of Ancient and Medieval Cultures of Eurasia, Awaza, Turkmenistan, 12-13 March 2014.
Paper presented: **Cultural Interaction between Central Asia and India during the 3rd Millennium BCE.**
61. Workshop on Strategic Planning for Heritage Management, Jahangirnagar University, Savar, Dhaka, Bangladesh, 1-2 April 2014.
Paper presented: **Ancient Cultural Heritage of South Asia: Planning for Management.**
62. Cultural Connections between Ancient Mesopotamia and Ancient India, University of Copenhagen, Copenhagen, 12-14 September 2014.
Paper presented: **Trade between Harappan and Mesopotamian Civilizations in the Third Millennium BCE: An Archaeological Perspective.**
63. The International Seminar on the Indus –Saraswati (Harappan) Civilization Vis-A- Vis The Rigveda, New Delhi, 27th-29th March 2015.
Paper presented: **The Overall Distribution-pattern of sites of the Indus-Saraswati Civilization and its Implication.**
64. Early Rice Cultivation System and their Impact on Social Evolution and the Environment, Institute of Archaeology, University of London, London, 15-17 September 2015
Paper presented: **Rice Cultivation in the Northwest Part of India in the Third Millennium BCE**
65. Second Shanghai Archaeology Forum Conference, Shanghai, China, 14-17 December 2015.
Keynote Address: **Relevance of Ancient Cultural Heritage to the Modern Society: Aspirations and Future Challenges.**
66. International Conference on Ancient Science and Technology: Aspirations and Relevance, Decca College, Pune, 9-11 January 2016.
Convener of the conference and gave introductory speech.

67. International Conference on Pre-Colonial Deccan: History, Culture and Literature, Central University of Karnataka, Gulbarga, 13-14 January 2016.
Paper presented: **A Review of the Research on the Chalcolithic Phase of the Deccan.**
68. International Conference on Ancient Science and Technology: Aspirations and Relevance, H.V. Desai College, Pune, 18 January 2017.
Keynote address on the **Relevance of Indian Knowledge System to the Modern World.**
69. International Seminar on Mohenjo daro and Indus Valley Civilization, Mohenjo daro, Pakistan, 9-11 February 2017.
Paper presented: **Recent Researches on the Harappan Culture in the Ghaggar Basin with Special Reference to Rakhigarhi, India.**
70. International Seminar on Indus-Saraswati Civilization: Script, Art, Culture and Authors, University of Lucknow, Lucknow, 8-9 May 2017.
Paper presented: **Recent Harappan Research in the Saraswati Basin with Special Reference to Rakhigarhi, India.**
71. International Conference on Indus-Saraswati Civilization-Script, Art, Culture and Authors, University of Lucknow, 8-9 May 2017
Paper presented: **Recent Scientific Research on the Harappan Culture in the Saraswati Basin.**
72. **Chaired** Session at International Conference on Mahabharata by the Draupadi Trust at the Indira Gandhi National Centre on Art, New Delhi, 20th July 2017.
73. Heritage and Tourism, Akita International University, Japan, 23-25 September 2017.
Paper presented: **Cultural Heritage Sites and Tourism in India: Current Status and Challenges.**
74. Dialogue of Civilizations-IV, Indian Institute of Technology, Gandhinagar, 10-11 October 2017 organised by Archaeological Survey of India and the National Geography, USA.
Papers presented: 1. **Recent Scientific Research at Rakhigarhi**
2. **Relevance of the Harappan Studies**
75. Keynote Address at the 22nd International Congress of the Rock Art Society of India, Deccan College, Deemed University, 26-28 October 2017.
76. International Seminar on Recent Field Researches and Scientific Studies in Indian Archaeology, Banaras Hindu University, Varanasi, 4-6 November 2017.
Paper presented: **Application of Scientific Methods in Field Archaeology: A Case Study of Rakhigarhi.**
77. Participated in the 3rd Shanghai Archaeology Forum Seminar on Water, Society and Civilization, Shanghai, 7-9 December 2017.

78. International Conference on The African and Jain Philosophies for Global Peace Building and Sustainable Development (ICAP2017), Kisumu, Kenya, 13-15 December 2017.
Paper presented: **Origin and Development of the Elements of Jainism.**
79. 3rd World Congress on Vedic Sciences, Deccan College, Deemed University, Pune, 10-13 January 2018.
Plenary Lecture on **Ancient and Modern Nalanda University.**
80. International Conference on the Vedic Sarasvati River- New Perspectives and Heritage Development, Kurukshetra University, 19 January 2018.
Paper presented: **Recent Researches and Future Developmental Plans at Rakhigarhi, Haryana.**
81. International Workshop on Buddhist Lexicography in the 21st Century, Savitribai Phule Pune University, Pune, 1-3 March 2018.
Delivered **Guest of Honour Address.**
82. International Conference on Salvage Archaeology and Recent Researches on the Megalithic Cultures of South Asia, Acharya Nagarjuna University, Guntur, Andhra Pradesh, 12-14 March 2018.
Delivered Key Note Address on **Methods of Salvage Archaeology and Some Thought on Origins of Megalithic Cultures of South Asia.**
83. 6th International Congress of Society of South Asian Archaeology, Indian Museum, Kolkata, 16-18 March 2018.
Delivered Keynote Address on **Research Trends in South Asian Archaeology.**
84. International Conference on Recent Researches in Indology, Tilak Maharashtra Vidyapeeth, Pune, 23rd March 2018.
Keynote Address on **Synthesis of Archaeological, Literary and Language data for the Reconstruction of India's Past.**
85. International Symposium on Jain History and Culture, Museum of Asian Art, Corfu, Greece, 17-18 November 2018.
Paper presented: **Origin and Development of Religious Ideologies in South Asia.**
86. International Seminar on Empires and Kingdoms in Dakshinapatha with Special Reference to Telangana, Hyderabad, 19-20 January 2019.
Delivered Keynote Address on **Formation of Urbanization in South India.**
87. International Seminar on Saraswati River, Punjab University, Chandigarh, 9 February 2019.
Delivered Keynote Address on the **Archaeological Remains in the Saraswati River with Special Reference to Rakhigarhi.**

88. International Conference on Archaeology, History and Heritage (ICAAH 2019) held at Habarana, Sri Lanka, 14-15 March 2019.
Delivered Keynote Address on the **Relevance of Heritage Studies to the Contemporary Society.**
89. International Seminar on Origin of Sraman Tradition with Special Reference to Jainism Prior 650 BCE, Navalvirayatan, near Pune, 6 October 2019.
Delivered Validictory Address on **Origin and Development of Indian Cultural Traditions.**
90. 4th International Seminar on Saraswati River, NIT, Kurukshetra, Haryana, 28 January 2020.
Paper presented: **Authors of the Harappan Civilization in the Saraswati Basin in The Light of Archaeo-Genetic Research at Rakhigarhi.**
91. 7th International Congress of Society of South Asian Archaeology, University of Sri Jayewardenepura University, Sri Lanka, 18-21 September 2020.
Paper presented: **Rakhigarhi Archaeological Research Project of International Significance.**
Chaired two Academic sessions.
92. Indian Archaeology and Bio-molecular Techniques, University of Chicago, 10-12 October 2020.
Speical Lecture on **Approaches to Bio-archaeological Research in India: Some Considerations.**

Important Positions of Responsibility/Administration held:

1. Executive Member, Indian Society for Prehistory and Quaternary Studies – 1993-96.
2. Chairman, Deccan College Gymkhana -August 1993- April 1995.
3. Field Director of:
 - Excavation at Walki (1985-86 and 1986- 87)
 - Excavation at Kuntasi (1987-88, 1988-89 and 1989-90),
 - Excavation at Balathal (November 1994- February 1995; November 1995- February 1996; November 1996-February 1997, November 1997- February 1998, November 1998- February 1999),
 - Excavation at Gilund (December 1999- March 2000, December 2000- February 2001, 2001-02, December 2002-February 2003, December 2004- February 2005),
 - Excavation at Bagor (December 2001),
 - Excavation at Pune City Rescue Archaeological Project (September 2002),
 - Cambay Project (December 2002- February 2003)
 - Excavation at Mudvi (March 2003),
 - Excavation at Siddhapur (November-December 2003),
 - Excavation at Junnar (December-January 2005-06; 2006-07),

- Excavations at Girawad, Farmana and Mitathal (March-April 2007),
 - Excavation at Farmana (2007-08, 2008-09, 2009-2010),
 - Excavation at Rakhigarhi and Karsola 2010-11,
 - Excavation at Rakhigarhi 2012-2013, January 2013- April 2014, January 2014-May 2015, January to May 2016.
 - Excavations at the Cave site at Rajagala, Sri Lanka, September 2017, May 2018.
4. Member, Course Committee, Institute of Rajasthan Studies, Rajasthan Vidyapeeth, Udaipur 1995-96.
 5. Rector, Hostels of Deccan College, Post-Graduate and Research Institute, Pune. 1995-96.
 6. Treasurer, Indian Society for Prehistory and Quaternary Studies- 1995-98.
 7. Member, Advisor Board, Modi Research Institute of Numismatic and Archaeology, University of Bombay, Mumbai, 1998-99.
 8. Vice President, Bharatiya Samskriti Samvardhan Mandal, Solapur since 1998.
 9. Member, Examination Board, Shivaji University, Kolhapur- 1998-99.
 10. Member, Departmental Committee for Archaeology, Deccan College, 1998-99.
 11. Expert Member, Board of Studies, Department of Archaeology, Ancient History and Culture, M.S. University, Baroda, since September 1999 for a period of three years).
 12. Member, Sub-Committee for Revising the Syllabus of A.I.H.C. and Archaeology, Shivaji University, Kolhapur, 1999.
 13. Executive Member, Indian Archaeological Society since December 1999.
 14. Member, Board of Studies, Shivaji University, Kolhapur, since 2000 for a period of three years.
 15. Coordinator, International Workshop on “Monsoon and Civilization”, Pune, India, 15-19 January 2001.
 16. Member, Board of Studies, Department of Archaeology, Deccan College, 2001-2003.
 17. Member, Departmental Committee, Department of Archaeology, Deccan College, 2001-2002.
 18. Expert Member, Board of Studies, Department of Archaeology, Ancient History and Culture, M.S. University, Baroda, 2002- 2005.

19. Member Board of Studies, Department of AIHC and Archaeology, Solapur University, Solapur since December 2005.
20. Member Board of Colleges and University Development (BCUD), Solapur University, Solapur since December 2005 for a period of five years.
21. Member, Board of Studies, Department of Archaeology, Deccan College, Since 2005.
22. Member, Departmental Committee, Department of Archaeology, Deccan College, since 2005.
23. Founder and General Secretary, Society of South Asian Archaeology 2005.
24. Expert Member, Research and Recognition Committee, Solapur University since February 2006 for a period of three years.
25. Head, Department of Archaeology, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2006 in the absence of regular Head.
26. Expert Member, Research and Recognition Committee, Shivaji University-2006-07.
27. Chairman, Board of Studies, Nagpur University – 2006-2011.
28. Chairman, Research and Recognition Committee, Nagpur University, -2006-2011.
29. Chairman, Examination Committee, Nagpur University, 2007-2011.
30. Member, Appeal Committee, Archaeological Survey of India, since 2008.
31. Coordinator of UGC sponsored Centre of Advanced Study in Archaeology, Department of Archaeology, Deccan College, PG and Research Institute, Pune since March 2008.
32. Member, Academic Council, Deccan College, PG and Research Institute, Pune, since April 2008.
33. Organizer, 2nd International Congress of the Society of South Asian Archaeology, Shiraz, Iran, 25-29 May 2008.
34. Member, Departmental Committee, Department of Archaeology, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2008.
35. Member, Management Council, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2008.

36. Member, Building Committee, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2008.
37. Member, Board of Studies, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2008.
38. Member, Campus Development Committee, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2008.
39. Member, Publication Committee, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2008.
40. Member, Library Committee, Deccan College, Post-Graduate and Research Institute, Deemed University, Pune, since 2008.
41. Member, Central Advisory Board of Archaeology (CABA), Government of India, Archaeological Survey of India, since October 2009.
42. Member, Panel of Experts for Conservation Works, Western Zone, Government of India, Archaeological Survey of India, since October 2009.
43. Member, National Advisory Committee, Anthropological Survey of India, Kolkata since January 2010.
44. Member, Sub-Committee for Ancient Culture and Archaeology, Anthropological Survey of India, Kolkata, since January 2010.
45. Member, Heritage Committee, Pune Municipal Corporations, since November 2010.
46. Chairman, Grievance Redressal Committee, Deccan College University, since 2010.
47. Co-ordinator, Documentation of Antiquities and Build Heritage Project of the National Mission for Monuments and Antiquities, Archaeological Survey of India, since 2010.
48. Member, Selection Committee, Universities of Solapur, Calcutta, Vishva Bharati, Deccan College, Archaeological Survey of India, Indian Museum, etc.
49. Secretary (Protohistory), Indian Archaeological Society, since December 2010.
50. Chairman, Education Committee, International Association of Asian Heritage (IAAH), Sri Lanka, since 2010.
51. Member, Research and Recognition Committee, North Maharashtra University, Jalgaon since 2011.

52. Member, Board of Studies, North Maharashtra University, Jalgaon, since 2011.
53. Member, Board of Studies, University of Mumbai since 2011.
54. Subject Expert, Selection Committee, Homi Bhabha Fellowship, 2011.
55. Expert Member, Museum Development Committee, Department of Archaeology and Museum, Government of Maharashtra, since September 2011.
56. Member, Board of Studies, M.S. University of Baroda, since September 2011.
57. Subject Expert, Post-Doctoral Scholarship for Women, History/ Archaeology subject, University Grants Commission, 2011.
58. Subject Expert, Minor and Major Research Grants, History/ Archaeology subject, University Grants Commission, since 2011.
59. Convener, International Seminar on Harappan Sites in Western India (Gujarat).
60. Member, Board of Studies for Social Sciences, Solapur University, Solapur, since 2012.
61. Member, Board of Studies, RTM University, Nagpur, since 2012.
62. Convener, Regional Workshop on Archaeology of Western India.
63. Member, Advisory Committee for preparing Heritage Bye-laws, National Monument Authority, New Delhi, since June 2013.
64. Advisory Committee Member, Shanghai Archaeological Forum, since August 2013.
65. Chairman, Board of Management, Deccan College, Deemed University since October 2013.
66. Chairman, Academic Council, Deccan College, Deemed University since October 2013.
67. Chairman, Examination Committee, Deccan College, Deemed University since October 2013.
68. Honorary Administrator, Deccan College Poona Trust since October 2013.
69. Chairman, Planning and Monitoring Board, Deccan College, Deemed University since October 2013.
70. Chairman, Finance Committee, Deccan College, Deemed University since October 2013.

71. Chairman, Selection Committee (for Teaching Staff), Deccan College, Deemed University since October 2013.
72. Chairman, Campus Development Committee, Deccan College, Deemed University since October 2013.
73. Chairman, Building Committee, Deccan College, Deemed University since October 2013.
74. Convener, 5th International Congress of Society of South Asian Archaeology, Raipur 14-18 February 2014.
75. Member, Monitoring Committee on National Mission on Monuments and Antiquities (NMMA) since March 2014.
76. Adviser, Personality Test (PT) Board for the Civil Services (Main) Union Public Service Commission, New Delhi, 5-9 May 2014
77. Convener, International Seminar on Archaeology and Language and Joint Annual Conference of Indian Archaeological Society, Indian Society for Prehistoric and Quaternary Studies and Indian History and Culture Society, 6-9 October 2014.
78. Organized, Ninth Convocation of the University, 6 October 2014.
79. Expert member in the selection committee of in the department of Ancient history and Archaeology , Madras University December 2014
80. Nominated as a Chairman for expert committee for evaluation of proposal under the scheme of development of schemes of special heritage status to college for the year 2014-15
81. Member of the standing committee of central advisory board of Archaeology (CABA) 2015
82. Member of examiner committee in The Maharaja Sayajirao University of Baroda - 2015
83. Member of Academic Council in Department of Indian History, Culture and Archaeology of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur – 2015
84. Expert Member, Indian National Trust for Art and Cultural Heritage, 71 Lodhi Estates, New Delhi-110003.
85. Committee Member, The Indian Advisory Committee (IAC) of American Institute of Indian Studies, Main Campus 22, Institutional Area, Sector 32, Gurgaon, Haryana 122001, India.

86. Committee Member, National Advisory Committee of the Anthropological Survey of India, Kolkata.
87. Committee Member, Marubhumi Sodh Sansthan, Sri Dungargarh, Bikaner – 2015.
88. Nominated as a Chairman for expert committee for evaluation of proposal under the scheme of development of schemes of special heritage status to college for the year 2014-15.
89. Appointed as expert for CAS in 2015.
90. Appointed as expert member by Indian National Science Academy for Research Council for History of Science.
91. Project Head, Documentation of Antiquities, National Museum.
92. Member, INTCH Heritage Academy, since 2015
93. Convener, Intentional Conference on Ancient Science and Technology
94. Organized 10th Convocation of the University, 10 October 2016.
95. Member, Advisory Committee, Indian Council of Historical Research, Western Regional Centre, from December 2016.
96. Convener, Technology during the Harappan Period on behalf of the Indian National Science Academy, 15 October 2017.
97. Convener, 22nd International Congress of the Rock Art Society of India, Decca College, Deemed University, Pune, 26-28 October 2017.
98. Member, Scientific Advisory Committee for Science and Heritage Research Initiatives (SHRI), Department of Science and Technology, Ministry of Science and Technology, New Delhi, since November 2017.
99. Convenor, 3rd Congress on Vedic Sciences, held at Deccan College, Deemed University from 10-13 January 2018.
100. Convenor, National Seminar on Archaeology of Deccan, Solapur University, Solapur, 27 January 2018.
101. Convenor, International Conference on Salvage Archeology and Recent Researches on the Megalithic Cultures of South Asia, Acharya Nagarjuna University, Guntur, A.P. 12-14 March 2018.
102. Convenor of 6th Congress of Society of South Asian Archaeology, Indian Museum, Kolkata, 16-18 March 2018.

103. Member, Advisory Committee of the History of Science Unit of the Bose Institute, Kolkata, since March 2018.
104. Member, Academic Council, Savitribai Phule Pune University, since May 2018.
105. Member, Academic Council, Nalanda International University, Rajgir, since May 2018.
106. Convener, National Workshop on Digital Museum of Metal Object, 21-22 July 2018.
107. Member, Society of National Council of Science Museums (NCSM), Government of India, Ministry of Culture, Kolkata w.e.f. 19.06.2018 for a period of 4 years.
108. Member, Governing Body of National Council of Science Museums (NCSM), Government of India, Ministry of Culture, Kolkata w.e.f. 19.06.2018 for a period of 4 years.
109. Member, National Resource Centres (NRC) for Indian Culture and Heritage Studies by the Ministry of Human Resource Development, Govt. of India, BHU, Varanasi, since August 2018.
110. Chairman, Executive Committee, Nehru Science Centre, Mumbai since September 2018 for a period of 4 years.
111. Member, Impact Assessment Committee for National Council of Science Museum, since October 2018.
112. Chairman, UGC Committee for LOCF for Archaeology.
113. Member, Society for National Museum Institute, Deemed University, since March 2019 for a period of three years.
114. Member, Board of Management, National Museum Institute, Deemed University, New Delhi, since March 2019.
115. Member, Academic Council, Central University of Himachal Pradesh, Dharamsala, since October 2019.
116. Member, Academic Council, Dr. Hari Singh Gour Vishwavidhyalaya (A Central University), Sagar since February 2020.
117. Member, Committee constituted by HRD Ministry for preparation of Vision Documents for the proposed Jai Prakash Narayan Centre of Excellence in Humanity, 2020.
118. Member, Advisory Committee for Department of Conservation, School of Planning and Architecture, Bhopal, July 2020.

119. Convener, 7th International Congress of Society of South Asian Archaeology, University of Sri Jayewdhene University, Sri Lanka, 18-21 September, 2020.
120. Member, Governing Council, Birbal Sahani Institute of Palaeosciences, Since July 2021 for a period of three years.

Publications:

Books:

1. 1990 (with M.K. Dhavalikar and S. Atre) *Excavations at Kaothe*. Deccan College Research Institute, Pune.
2. 1998 *Early Farming Community in the Central Tapi Basin (Study of Settlement and Subsistence Patterns)*, Munshiram Manoharlal Publishers, New Delhi.
3. 2008. (et al.) *A Report on the Excavations at Farmana (2007-08): A Harappan site in the Ghaggar Basin*. Research Institute for Humanity and Nature, Kyoto, Japan.
4. 2009-2010 (et al.). *Harappan Necropolis at Farmana in the Ghaggar Basin*, New Delhi: Indian Archaeological Society.
5. 2011 (with Shweta Sinha Deshpande and Sanjay Deshpande). *Heritage sites in Gujarat: A Gazetteer*, Aryan International Books, New Delhi.
6. 2011 (et.al.). *Excavations at Farmana, District Rohtak, Haryana, India 2006-2008*. Kyoto: Indus Project, Research Institute for Humanity and Nature, Japan.
7. 2011 (et.al.). *Excavations at Girawad, District Rohtak, Haryana, India 2006*. Kyoto: Indus Project, Research Institute for Humanity and Nature, Japan.
8. 2014 *Excavations at Gilund: The Artifacts and Other Studies*. University of Pennsylvania Museum of Archaeology and Anthropology, Philadelphia, USA.
9. 2016. *Chalcolithic South Asia: Aspects of Crafts and Technologies*, New Delhi: Pentagon Press in association with Indu-Infinity Foundation, USA.
10. 2017. *Ancient Indian Knowledge System and its' Relevance to the Contemporary Society*, INTACH, New Delhi.
11. 2018. *Ancient Indian Knowledge System: Archaeological Perspective*, Vidhyanand Prakashan, Pune.
12. 2019 (with V. Mushrif Tripathy). *Human Skeletal Assemblage from the Harappan Site of Farmana: A Bio-archaeological Analysis*, New Delhi, Kaveri Books.
13. 2020 (with S. Ganvir and S. Bhattacharya) *Cultural Heritage of South Asia and Beyond: Recent Perspective*, Research India Press, New Delhi and Society of South Asian Archaeology, Pune

Monograph:

1. 2015. *Chalcolithic Mewar and its interaction with the Harappans*”, Professor R. P. Vyas Memorial Lecture Series-II organized by Mahila P. G. Mahavidhyalaya, Kamala Nehru, Soorsagar Road, Jodhapur-342009 on 25th July 2015.
2. 2017. *New Facets of the Harappan Civilization as Revealed by the Application of Scientific Methods in the Saraswati Basin*, Padmashri Ghosh Memorial Lecture, Institute of Archaeology, Archaeological Survey of India, New Delhi.

Edited Books/Journals:

1. 2001 (ed. with Y. Yasuda) *Monsoon and Civilization* (abstracts), Roli Books, New Delhi.
2. 2004 (ed. with Y. Yasuda) *Monsoon and Civilization*, Roli Book- Lustre Press, Singapore.
3. 2006. *Ancient Asia 1*.
4. 2010. *Ancient Asia 2*.
5. 2010 (Teresa Raczek, Vasant Shinde) *The Gilund Project: Excavations in Regional Context* (Proceedings of the 19th Meeting of the European Association of South Asian Archaeology in Ravenna, Italy, July 2007), BAR International Series 2132.
6. 2010 (Vasant Shinde, et al.) *Abstract Volume of the 3rd International Congress of the Society of South Asian Archaeology*, Centre for Asian Studies, University of Kelania, Sri Lanka.
7. 2013. *Ancient Asia 3* (online Journal).
8. 2013. *Ancient Asia 4* (online Journal).
9. 2013 (Pankaj Rag, Vasant Shinde, et al.). *Art and Archaeology of Madhya Pradesh and the Adjoining Region: Recent Perspective*, Bhopal: Directorate of Archaeology, Archives and Museum, Government of Madhya Pradesh.
10. 2014. *Ancient Asia 5*
11. 2015. *Ancient Asia 6*
12. 2016. *Ancient Asia 7*
13. 2016. *Bulletin, Deccan College Research Institute, Vol. 74.*
14. 2017. *Bulletin, Deccan College Research Institute, Vol. 75.*
15. 2017. *Ancient Asia 8*
16. 2017. (Vasant Shinde, et al), *Proceedings of International Conference on Ancient Science and Technology: Retrospection and Aspiration (A.S.T.A. 2015-16 and 2016-17)*, Deccan College and H.V. Desai College: Pune
17. 2018. *Ancient Asia 9*
18. 2019. *Ancient Asia 10*
19. 2020. (Vasant Shinde, et al) *Cultural Heritage of South Asia and Beyond: Recent Perspective*, Eds. Vasant Shinde, Shrikant Ganvir and Sayan Bhattacharya, Research India Press and Society of South Asian Archaeology (SOSAA), Pune,

Research papers

In National Journals

1. 1985. Kaothe - A Late Harappan settlement in the Central Tapi basin. *Bulletin of the Deccan College Research Institute*, vol. 44.
2. 1986 (in Marathi) Madhya Tapichya khoryatil adhya shetakari va tyanchi vasahat rachana. *Samsodhak*.
3. 1986 (in Marathi) Maharashtraatil uttar Sindhu sanskriti - vaishishthe va vasahat rachana. *Samsodhak*.
4. 1987-88. Land use pattern during Chalcolithic period in the Tapi basin. *Puratattva* 18:54-60.
5. 1988. A microwear study of blade tools from Inamgaon. In *Excavations at Inamgaon*, M.K. Dhavalikar, H.D. Sankalia and Z.D. Ansari (eds.), vol I, part ii, *Deccan College Research Institute*, Pune, pp.543-552.

6. 1988. A note on copper punch. In Excavations at Inamgaon, M.K. Dhavalikar, H.D. Sankalia and Z.D. Ansari (eds.), vol I, part ii, *Deccan College Research Institute, Pune*, pp. 725-726.
7. 1988. An experimental study of the technology of stone tool manufacture. *Bulletin of Deccan College Research Institute*, vols. 47-48. pp. 311-317.
8. 1988. (with staff and students). Archaeology of the vacant land in Poona: An experimental study. *Bulletin of Deccan College Research Institute*, vols.47-48, pp 249-258.
9. 1988. A Review article of Settlement History and Rise of Civilization in Ganga-Yamuna Doab, by Makkhan Lal. In *Bulletin of Deccan College Research Institute*, vols. 47-48. pp. 391-92.
10. 1988. (in Marathi) Tamrapashan yugin Maharashtraatil sheti vyavasaya, Samsodhak, Dec. 1988.
11. 1990 Settlement pattern of the Savalda culture - The first farming community of Maharashtra. *Bulletin of Deccan College Research Institute*, vols. 49-50 (Sankalia Memorial Volume) 49:417-426.
12. 1990 (with R.S. Pappu). Environment and Chalcolithic land use patter at Kaothe. In Excavations at Kaothe, M.K. Dhavalikar, Vasant Shinde and S. Atre (eds.), *Deccan College Research Institute, Pune*.
13. 1990 (with R.S. Pappu). Site catchment study of the Deccan Chalcolithic in the Central Tapi basin. *Bulletin of Deccan College Research Institute*, vols. 49-50, (Sankalia Memorial Volume) 49:317-338.
14. 1990 A Review article of First Farmers of the Deccan, by M.K. Dhavalikar. In *Bulletin of Deccan College Research Institute*, (Sankalia Memorial Volume) 49:329-331.
15. 1990 (with R.S. Pappu). Daimabad : The Chalcolithic Regional centre in the Godavari basin. *Bulletin of the Deccan College Research Institute*, (Golden Jubilee Volume) 50:307-316.
16. 1990 (with M.K. Dhavalikar and S. Atre). Small site archaeology- Excavations at Walki. *Bulletin of the Deccan College Research Institute* (Golden Jubilee volume) 50:197-228.
17. 1990. The Malwa Culture in Maharashtra: A Study of Settlement and Subsistence Patterns. *Man and Environment*, XV, No.2:53-59.
18. 1990 (in Marathi) Tamrapashan yugin Kaothe gaon. *Samsodhak* December 1990
19. 1991. A Horn-headed human figure on Harappan jar from Padri, Gujarat. *Man and Environment*: XVI (2):87-89.
20. 1991. A Harappan horned deity- The evidence from Western India. *Puratattva* 21: 79-81.
21. 1992. Excavation at Padri 1990-91: A Preliminary report. *Man and Environment*, XVII (1):79-86.
22. 1992 (with Sonya Bhagat Kar) Padri Ware: A New Painted Ceramic found in the Harappan Levels at Padri in Gujarat. *Man and Environment*, XVII (2): 105-110.
23. 1992. Settlement Archaeology of Kaothe: A Chalcolithic Site in the Tapi Basin, *Puratattva*, 22.
24. 1993-94. Techniques of Excavation of Mud Structures. *Bharati* 20 (I&II):19-22.
25. 1993 (with E. Thomas) A Unique Harappan Copper Fish-Hook from Padri, Gujarat, *Man and Environment*, XVIII (2): 145-148.

26. 1993 (with V.N. Misra and others) Terra-cotta Bull Figurines from Marmi: A Chalcolithic Settlement in Chitorgarh District, Rajasthan, *Man and Environment*, XVIII (2): 149-152.
27. 1994. The Deccan Chalcolithic: A Recent Perspective, *Man and Environment*, XIX (1-2):169-178.
28. 1994-95 (with V. Gogte) Chalcolithic Walki- A Satellite Settlement of Inamgaon: A Study by X-Ray Diffraction of Pottery, *Puratattva* 25: 62-63.
29. 1995 (with Misra and others) Excavations at Balathal: Their Contribution to the Chalcolithic and Iron Age Cultures of Rajasthan, *Man and Environment*, XX (1): 57-80.
30. 1995 (with Walimbe). Anthropometric Data on a Human Skeleton from the Early Historic Levels at Padri, *Man and Environment*, XX (2): 43-55.
31. 1996. Bone Tools from Kuntasi, in Excavations at Kuntasi, M.K. Dhavalikar et al (eds.), *Deccan College Research Institute*, Pune.
32. 1996. Blade Tools from Kuntasi, in Excavations at Kuntasi, M.K. Dhavalikar et al. (eds.), *Deccan College Research Institute*, Pune.
33. 1996. A Preliminary Report of the Second Season's Excavation at Padri. In Krisna Smrti: Studies in Indian Art and Archaeology, *Prof. K.D. Bajpai Commemoration Volume*, R.K. Sharma and R.C. Agrawal (eds); New Delhi: *Aryan Books International*, pp.40-45.
34. 1997 (with A. Paul and B. Tripathy) New Archaeological Discoveries in the Lower Shetrunji River Basin, Bhavnagar District, Gujarat. In Him Kanti (*Prof. K.P. Nautiyal Felicitation Volume*) B.M. Khanduri and Vinod Nautiyal (eds): New Delhi: Books and Books, pp. 53-63.
35. 1997 (with V.N. Misra and others) Excavations at Balathal (1995-97) with Special Reference to Chalcolithic Architecture. *Man and Environment* XXII(2): 35-57.
36. 1997. Tamrapashan yugin Khandesh. In *Khandesh Itihas*, P.D. Jagtap Ed, Jalgaon: Nutan Maratha Vidyalaya, pp. 23-33.
37. 1997-98 (with Jeevan Kharakwal) The Archaeology of Kumbhargarh, Maharana *Kumbha Sangeet Parishad Smarika*, Udaipur.
38. 1998. Archaeology: Development and Problems. Presidential Address, Ancient Indian History Section. In *Shodhanibandhsangraha* (in Marathi) G.L. Bhide Ed.Solapur: Shivaji University Publication.
39. 1998 A Review of Cultural Imperialism (Indus Civilisation in Western India) by M.K. Dhavalikar. *Bulletin of Deccan College Research Institute* 56: 329-31.
40. 1999. Presidential Address: Ancient Indian Section. In *Shodhanibandh Sangraha*, P.N. Deshpande Ed. Amravati, pp. 16-26.
41. 1999 (with A. Paul). Archaeological Investigations in the Lower Shetrunji River Basin, Bhavnagar District, Gujarat. *Bulletin of Deccan College Research Institute* 58-59.
42. 1999. A Review of Indian Protohistory by M.K. Dhavalikar, *Bulletin of Deccan College Research Institute* 58-59.
43. 1999. A Review of Early Historic Archaeology of India by M.K. Dhavalikar, *Bulletin of Deccan College Research Institute* 58-59.
44. 1999-2000 (with P.B. Gambhir). Burial customs among some tribes in Maharashtra: Ethno-archaeological Study. *Bulletin of the Tribal Research Institute*, Pune.

45. 2001-2002 (with Possehl and Sinha Deshpande) Ceramic Assemblage in Protohistoric Mewar (Rajasthan) with Special Reference to Gilund and Balathal, *Puratattva* 32: 5-24.
46. 2002. Establishment of a farmstead at Walki in Western India 1400 B.C. The Human Response to Climatic Change. In *Puraratna- Emerging Trends in Archaeology, Art, Anthropology, Conservation and History*, (In Honour of Shri Jagat Pati Joshi) Eds. C. Margabandhu, A.K. Sharma and R.S. Bisht, Vol. 1, 204-212, Agam Kala Prakashan, New Delhi.
47. 2002. An Archaeological Reconnaissance of the Konkan Coast: From Bharuch to Janjira. In *Man and Environment* Vol XXVII No.1: 73-82.
48. 2002. Chalcolithic Phase in Western India (including Central Indian and the Deccan Region). In *Recent Studies in Indian Archaeology*, K. Paddayya ed. ICHR Publication, Munshiram Manoharlal Publisehres Pvt. Ltd, pp. 157-188.
49. 2003 (with Lalit Pandey). A Preliminary Report of the Excavations at Iswal, *Shodh Patrika*, 53/3-4: 83-90.
50. 2003 (et al.) New Light on the History of Pune City: The Results of an Archaeological Rescue Excavation, *Puratattva*
51. 2003. Indian Archaeology Today: A Mature and Scientific Discipline, *Puratattva*.
52. 2004. Saurashtra and the Harappan sites of Padri and Kuntasi, *Marg* vol. 55, No. 3: 64-70.
53. 2004. (in Marathi) Central Tapi Basin and Chalcolithic Cultures. In *Cultural History of Khandesh*, Part- 1, K.S. Wani Marathi Pragat Adhyayan Sanstha, Dhule: 1-65.
54. 2004 (with Possehl and Ameri). The Ahar-Banas Complex and the BMAC, *Man and Environment*, XXX (2): 1c-29.
55. 2004 (et al.). A Satavahana Period Shrine of Laxmi-Parvati at Siddhapur Solapur District, Maharashtra, *Man and Environment*, XXX (2): 117-118.
56. 2004. A Review of Environment and Culture: A Historical Perspective by M.K. Dhavalikar, *Man and Environment*, XXX (2): 121-22.
57. 2005. The Geomorphological and Archaeological Investigations Along the Gulf of Khambat, *Journal of Indian Ocean Archaeology*, 2: 25-32.
58. 2005. (with Kanungo) Excavations at Kopia 2005: A Preliminary Report. *Puratattva* 35: 126-134.
59. 2006 (et al.). Excavations at Siddhapur 2003-04 with special reference to a Shrine, in *Archaeology of Early Historic Period and Buddhism*, B.R. Mani and S.C. Saran eds., Delhi: Sharada Publishing House: 124-28.
60. 2006 (with Golamreza and Ansari). Contemporary Indian and Ancient Iranian Bracelet (kada): A Comparison. *Puratattva* 36: 264-67.
61. 2006. Contribution of the Deccan College to the Harappan Studies, *Bulletin of Deccan College, Research Institute*, Nos. 64-65: 43-50.
62. 2007. A Preliminary Report on the Excavations at Mudvi, Sopalpur District, Maharashtra. In *History and Heritage (In Honour of Prof. K.K. Thaplyal)* Vol. 1, Eds. S.P. Shukla, R.S. Bisht, M.P. Joshi and Prashant Srivastava, pp. 187-195. New Delhi: Agam Kala Prakashan.
63. 2007 (et al.). A Report on the Excavation at Iswal- 2005-06, Udaipur District, Rajasthan, *Shodh Patrika* 57(1-4): 123-133.
64. 2007 (with Ritu Mehrotra) Site Formation Processes of Chalcolithic sites in the Mewar Region of Rajasthan with Speical Reference to the site of Balathal, in

- Formation Processes and Indian Archaeology*, ed. K. Paddayya (Ed.). Pune: Deccan College: 149-157.
65. 2007 (with Ozra). Interaction between Western Indian Subcontinent and Iran in 4th-2nd Millennia BC, *Puratattva* 37: 112-120.
 66. 2006-7 (et al.) A Report on the Recent Archaeological Investigations at Junnar, Maharashtra (2005-07). *Bulletin of the Deccan College PG and Research Institute*, 66-67: 113-159.
 67. 2007 (et al.) Junnar: an Early Historic Trading Emporium on the Deccan. *Journal of Indian Ocean Archaeology*, 4:31-66.
 68. 2007 (et al.). Biographies of the skeletal: Pathological conditions at Balathal *Man and Environment XXXI* (2): 50-65.
 69. 2007 (et al.). Human skeletal remains from Balathal: a full report and inventory *Man and Environment XXXII*(2): 1-25.
 70. 2007-08. Cultural Developments from Mesolithic to Chalcolithic in the Mewar Region of Rajasthan, India. *Pragdhara* 18: 201-218.
 71. 2007-08 (with P. Shirvalkar). Early Farming Cultures of Saurashtra: Their Contribution to the Development of Regional Harappan Culture, *Pragdhara* 18: 201-218.
 72. 2008. (et al.) A Preliminary Report of Faunal Remains from Madina, Rohtak District, Haryana, *Puratattva* 38.
 73. 2008 (et al.). Padri: A Harappan Salt Manufacturing Centre on the West Coast of India. *Journal of Indian Ocean Archaeology*, 5:57-84.
 74. 2008-09 (with Prabodh Shirvalkar). Ceramic Production Techniques, *Bulletin of the Deccan College, Post-Graduate and Research Institute*, Volume 68-69:1-21.
 75. 2009. Presidential Address (Ancient History and Archaeology Section), Proceeding of the 8th Conference of *Brihanmaharashtra Prachyavidya Parishad, Gogte-Joglekar College, Ratnagiri*: 66-73.
 76. 2010 (et al.). Metallographical Studies of a Steel Chisel found at Mahurjhari, Vidarbha, Maharashtra. *Current Science*, Vol. 99, No. 5: 636-639.
 77. 2009-10 (et al.) Red Polished Ware from Padri, Gujarat: A Preliminary Report. *Journal of Indian Ocean Archaeology*, No. 6: 142-152.
 78. 2010-11. (et al.) Late Harappan Culture at Karsola in the Ghaggar Basin. *Bulletin of the Deccan College, Post-Graduate and Research Institute*, 70-71:15-34.
 79. 2011. Protohistoric Research in South Asia: Achievements and Challenges. Presidential Address, Section V, Archaeology, *Indian History Congress*, Malda.
 80. 2011. Excavations at Karsola Kheda, Jind District, Haryana- 2010-11. *Ancient India*, New Series No. 1.
 81. 2011-12 (et al.) Excavations at Mitathal, District Bhiwani (Haryana) 2010-11. *Puratattva* 41: 168-178.
 82. 2011-12 (with A. Sarkar). On sedentism in the Mewar (South-east) region of Rajasthan, India. *Pragdhara* 21-22: 297-301.
 83. 2012 (et al.) An Early Evidence of Hardening and Subsequent Tempering from Megalithic Sites, Maharashtra, India, *Transactions of the Indian Institute of Metals*, Volume 64, Issue 4 (2012): pp. 461-464.
 84. 2012. (with K.N. Dikshit) Archaeological Journey to Pakistan: A Report, *Puratattva* 42:270-73.
 85. 2012 (et al.). A Report on the International Seminar on Art and Archaeology of Madhya Pradesh and Adjoining Region, Bhopal, *Puratattva* 42:309-11.

86. 2013. Early Historic Junnar: Archaeology and Art. *Marg*, Vol. 64 No. 4: 30-43.
87. 2013 (with Anjana Reddy). The Development of Archaeology: World-wide Contributions, *Archives of South Asian Heritage*, vol. 1, No.1: 109-115.
88. 2013 Maharashtra Through the Ages: Some Thoughts, *Glimpses of Ancient Maharashtra Through Archaeological Excavations*, Eds. B.C. Deotare, P.S. Joshi, C.N. Parchure, Bharatiya Itihas Sankalan Samittee and Deccan College, Post-Graduate and Research Institute (Deemed University), Pune: 07-12.
89. 2013. Chalcolithic Cultures of Maharashtra: Perspective and Prospects, *Glimpses of Ancient Maharashtra Through Archaeological Excavations*, Eds. B.C. Deotare, P.S. Joshi, C.N. Parchure, Bharatiya Itihas Sankalan Samittee and Deccan College, Post-Graduate and Research Institute (Deemed University), Pune: 97-108.
90. 2013. Daimabad, *Glimpses of Ancient Maharashtra Through Archaeological Excavations*, Eds. B.C. Deotare, P.S. Joshi, C.N. Parchure, Bharatiya Itihas Sankalan Samittee and Deccan College, Post-Graduate and Research Institute (Deemed University), Pune: 114-118.
91. 2013. Inamgaon, *Glimpses of Ancient Maharashtra Through Archaeological Excavations*, Eds. B.C. Deotare, P.S. Joshi, C.N. Parchure, Bharatiya Itihas Sankalan Samittee and Deccan College, Post-Graduate and Research Institute (Deemed University), Pune: 118-121.
92. 2013. (with S. Jadhav) Junnar, *Glimpses of Ancient Maharashtra Through Archaeological Excavations*, Eds. B.C. Deotare, P.S. Joshi, C.N. Parchure, Bharatiya Itihas Sankalan Samittee and Deccan College, Post-Graduate and Research Institute (Deemed University), Pune: 127-133.
93. 2013. (with O.P. Misra) Central Indian Chalcolithic: Recent Perspective, *Art and Archaeology of Madhya Pradesh and Adjoining Regions: Recent Perspective*, Eds. Pankaj Rag, Vasant Shinde and Om Prakash Misra, Bhopal: Commissioner, Archaeology, Archives and Museum, Govt. of Madhya Pradesh, pp. 113-121.
94. 2013. (with Shweta Sinha Deshpande) A Study of the Chalcolithic in the Malwa Plateau: A Chronological Reassessment, *Art and Archaeology of Madhya Pradesh and Adjoining Regions: Recent Perspective*, Eds. Pankaj Rag, Vasant Shinde and Om Prakash Misra, Bhopal: Commissioner, Archaeology, Archives and Museum, Govt. of Madhya Pradesh, pp. 123-145.
95. 2013. (with Astha Dibyopama) Resource Exploitation Pattern of Chalcolithic Community in Mewar Region with Special Reference to Balathal, *Art and Archaeology of Madhya Pradesh and Adjoining Regions: Recent Perspective*, Eds. Pankaj Rag, Vasant Shinde and Om Prakash Misra, Bhopal: Commissioner, Archaeology, Archives and Museum, Govt. of Madhya Pradesh, pp. 147-161.
96. 2013 (in Marathi with Prabodh Shirvalkar). Chapter 4 *History, Prehistoric Period in Pravara Basin*, *Maharashtra State Gazetteer*, Gazetteer Department, Government of Maharashtra, Mumbai, pp. 87-96.
97. 2013 (with Sutapa Lahiri). An Ethnoarchaeological Perspective on Archaeologies of Social Life from the Mature Harappan Period in Harayna. *Heritage (Journal of Multidisciplinary Studies in Archaeology)*, 1:383-401.
98. 2013 (with Kanungo and Kulkarni). Description of Kopia Pottery, Glass in Ancient India *Excavations at Kopia*, ed. Alok Kanungo, Thiruvananthapuram: Kerala Council for Historical Research, pp. 72-143.

99. 2013 (with Kanungo). Intact Pots from Kopia, Glass in Ancient India *Excavations at Kopia*, ed. Alok Kanungo, Thiruvananthapuram: Kerala Council for Historical Research, pp. 200-214.
100. 2014. (with A. Sarkar) Chalcolithic Rajasthan, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 465-479.
101. 2014. (et al.) Chalcolithic Madhya Pradesh, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 480-486.
102. 2014. (et al.) The Chalcolithic Deccan, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 487-497.
103. 2014. Daimabad, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 667-670.
104. 2014. (with P. Shirvalkar) Farmana, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 683-690.
105. 2014. (with A. Sarkar) Gilund, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 691-699.
106. 2014. Inamgaon, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 706-711.
107. 2014. (with P. Shirvalkar) Kuntasi, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 747-753.
108. 2014. Navdatoli, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 793-795.
109. 2014. (with P. Shirvalkar) Padri, in *History of Ancient India* (Protohistoric Foundation), Dilip K. Chakrabarti and Makkhan Lal (eds.), New Delhi: Vivekanand International Foundation and Aryan Books International, pp. 796-801.
110. 2014. (et al.) Bedwa: A Mature and Late Harappan Necropolis in the Upper Ghaggar Basin. In *Harappan Studies: Recent Researches in South Asian Archaeology*, Volume I, Manmohan Kumar and A. Uesugi (eds.), New Delhi: Aryan Books International: pp. 93-152.
111. 2014 (with Astha Dibyopama) Archaeology of Jodhpur District, Western Rajasthan, India, *Puratattva* 44: 127-133.
112. 2014 (et al.) Saurajyaramya: Vidarbha of the Vakataka Times, *Puratattva* 44: 254-258.
113. 2014 (with S. Ganvir). Pune through the ages, *Souvenir*, 52nd National Metallurgist's Day and 68th Annual Technical Meeting of the Indian Institute of Metals, Pune, pp. 27-31.

114. 2014 (et. al) Rakhigarhi and the Harappan Civilization: Recent work and New Challenges. *Bulletin of the Deccan College Post-Graduate and Research Institute*, 72-73: 43-54.
115. 2015. (with Narendar Parmar) Subsistence economy of the Harappan civilization in the Upper Saraswati Basin. *Dr. Agam Prasad Felicitation Volume*, a bouquet of Indian Heritage, Research and Management. Editors Prashant Srivastava and Sanjaya Kumar Mahapatra. Published by Swati Publication Delhi- 52. ISBN 978-9381843-15-4, pp-229- 246.
116. 2015. (with Narendar Parmar) Eastern Hakra Phase: The first Agriculture Community in the upper Sarswati Basin. *Dr. Agam Prasad Felicitation Volume*, a bouquet of Indian Heritage, Research and Management. Editors Prashant Srivastava and Sanjaya Kumar Mahapatra. Published by Swati Publication Delhi- 52. ISBN 978-9381843-15-4, pp-247-260.
117. 2015. (Shweta Sinha Deshpande) Craft and Technologies of the Chalcolithic People of South Asia: An Overview, *Indian Journal of History of Science*, 50.1. pp. 42-54.
118. 2016. (et al.) Radiocarbon dating of charcoal samples from Rakhigarhi, Haryana, India, using acceraletor mass spectrometer. *Current Science*, vol. 111, No. 1, 10 July 2016: 27-28.
119. 2016 (with Astha Dibyopama) Early Historic Archaeology of Rajasthan: Recent Perspectives, *Bulletin of Deccan College Research Institute*, 75:96-98.
120. 2016 (with Nisha Sawant) Study of Military Architectures and Remains of the Shivneri Fort, Maharashtra, India, *Bulletic of Deccan College Research Instittue*, 75:125-134.
121. 2016. Madhya Bharat me Prachin Sabhyata ka Udabhav yevam Vikas (in Hindi), *Purappravaha* 1: 70-85.
122. 2016. Chalcolithic Cultures of Maharashtra: New Perspectives and Prospects, in *Kailashnath Hetu, Essays in Prehistory, Protohistory and Historical Archaeology* (Feschrist to Shri K, Edited by Ajit Kumar, S.V. Rajesh and Abhayan, Delhi: New Bharatiya Book Corp: pp 144-153, ISBN 978-81-8315-298-3.
123. 2016. Ancient Science and Technology: Some Theoretical Issues, *Bulletin of Deccan College, Post- Graduate and Research Institue*, Volume 76. 3:14.
124. 2017. (PP Deshpande and Vasant Shinde) Designing Heat Treatment Sequence of Wrought Iron in Ancient Vidarbha Region of Maharashtra: A Review, *Tansactions of the Indian Institute of Metals*, March 2017, Volume 70, Issue: 537-540.
125. 2017. Harappan Culture in the Ghaggar Basin with Special Reference to Farmana: Recent Perspectives in *Indus-Sarasvati (Harappan) Civilization vis-à-vis Rigveda*, B.R. Mani (ed.), New Delhi: B.R. Publishing Corporation.
126. 2017. Harappa Sabyata (in Hindi). *Purappravaha*, 2: 36-75.
127. 2018. (with E. Prasad and P. Shirvalkar). Economy during the Harappan Civilization, in *Socio-Economic Dynamics of Indian Society: A Historical Overview*, by Eminent Indian Scholars, Vivek Group Publication.
128. 2018. (with Udai Kumar and L. Pandey). Ancient Iron Smelting in Nathara-ki-Pal, Southeast Rajasthan, *History Today*, No. 19: 203-205.
129. 2018 (with Diya Mukhertjee). Copper Artefacts of Rakhigarhi: A Preliminary Report, *History Today*, No. 19: 247-249.
130. 2019 (et al.). Preliminary Report on Rajagala Archaeological Research Project 2018-19. *Journal of Indian Ocean Archaeology* number 13-14, 2017-18: 101-137.

131. 2019. Recent Researches on the Harappan Culture in the Sarasvati River Basin with Special Reference to Farmana, *Puratattva* 49: 46-51
132. 2019 (et al.). Report on Archaeobotanical Investigations at Rajagala, Sri Lanka. *Journal of Indian Ocean Archaeology* number 13-14, 2017-18: 138-143.
133. 2019. Early Farming Communities in Eastern India: Recent Perspectives, in *Pratnaratnan: Dr. A.P. Jamkhedkar Felicitation Volume*, eds. S. Pandit, M.i Bhalerao and A. Khare, Pune: Samvidya Institute of Cultural Studies, pp. 1-7

In International Journals

1. 1987. Farming in the Chalcolithic Deccan. *Tools and Tillage*, vol. V:4, pp. 214-227.
2. 1987 Mantai : An important settlement in northwest Sri Lanka. *East and West* 37: (Vols. 1-4).
3. 1989 (with M.K. Dhavalikar) Excavations at Kaothe in the central Tapi basin. *South Asian Archaeology*, Aarhus, Denmark.
4. 1989 New light on the origin, settlement system and decline of the Jorwe culture in the Deccan, India. *South Asian Studies*, 5.
5. 1990 (with M.K. Dhavalikar and S.M. Atre). Walki - A Chalcolithic farmstead in the Deccan. In *Perspectives in Archaeology Sudershan Seneviratne et al.*, eds. Leelananda Prematilleke festschrift. Department of Archaeology, University of Peradeniya, Sri Lanka.
6. 1991. Experimentation in Archaeology: An ethnographic model. In *Archeologie Experimentale*, Tome 1 - LE FEU: le metal, la ceramique, Societe des Autoroutes, Paris-Rhin- Rhone, pp.22-29.
7. 1991. The Late Harappan culture in Maharashtra- Study of settlement and subsistence Patterns. *South Asian Studies*, 7:91-96.
8. 1991. Craft specialization and social organization in Chalcolithic Deccan. *Antiquity*, 65 (249):796-807.
9. 1991. Two unique agricultural implements from Walki: A Chalcolithic farmstead in Western India. *Tools and Tillage* Vol. VI:4:210-215.
10. 1992. Padri and the Indus Civilization. *South Asian Studies* 8:55-66, London
11. 1994. The earliest temple of Lajjagauri? The Recent Evidence from Padri in Gujarat. *East and West* 44 (Nos. 2-4):481-85.
12. 1998. Pre-Harappan Padri Culture in Saurashtra- the Recent Discovery. *South Asian Studies*, 14:1-10.
13. 2000. The Origin and Development of the Chalcolithic in Central India. *Indo-Pacific Prehistory Association Bulletin* 19: 125-36.
14. 2001 (with Y. Yasuda) Holocene Climatic (Monsoon) Change and the Emergence and Decline of the Early Farming Community in Western India. *Monsoon* 2: 100-102.
15. 2001 (with B. van Geel and Y. Yasuda) Solar Forcing of Climate Change and a Monsoon-Related Cultural Shift in Western India around 800 cal BC. *Monsoon* 2: 35-39.
16. 2001 (with M. Makohonienko, Y. Yasuda, H. Kitagawa and D.P. Agrawal) Harappan Civilization and Palaeobotanical Evidences of Climatic Change in Eurasia around 4000 Years BP. *Monsoon* 2:117-119.

17. 2001 (with Y. Yasuda). Problem Oriented Environmental Archaeology: an ALDP Research in India. *Terra Nostra* 2001/3: 197-99.
18. 2001 (with Y. Yasuda, G.L. Possehl and J. Kharakwal) Climate Fluctuations and Rise and Fall of the Harappan Civilization of South Asia. *Monsoon* 3: 92-94.
19. 2001 (with J. Kharakwal, A. Yano, Y. Yasuda) Cord Impressed Ware and Rice Cultivation in Different Regions of Asia: Possibilities of Inter-link. *Monsoon* 3: 48-49
20. 2001-02 A Report on the Second International Workshop of ALDP (Asian Lake Drilling Programme) on Monsoon and Civilization, *Indian Archaeological Study* (Tokyo), 23: 117-19.
21. 2002. Emergence, Development and Spread of Agricultural Communities in South Asia. In *Origins of Pottery and Agriculture*, Y. Yasuda (ed.), Roli Books and Lustre Press, Singapore, pp. 89-115.
22. 2003 (with S. Sinha Deshpande). South Indian Chalcolithic, *The Encyclopedia of Prehistory*, Volume 8: South and Southwest Asia (Kluwer Academic / Plenum Publishers).
23. 2003 (with S. Sinha Deshpande) Central Indian Chalcolithic, *The Encyclopedia of Prehistory*, Volume 8: South and Southwest Asia (Kluwer Academic / Plenum Publishers).
24. 2004 (with S. Sinha Deshpande and Y. Yasuda) Human Response to Holocene Climate Changes- A Case Study of Western India Between 5th to 3rd Millennium BC. In Y. Yasuda and V. Shinde (eds), *Monsoon and Civilization*, Roli Books and Lustre Press, Singapore: 383-406.
25. 2004 (with B. van Geel and Y. Yasuda) Solar Forcing of Climate Change and a Monsoon-Related Cultural Shift in Western India round 800 cal. yrs. BC. In Y. Yasuda and V. Shinde (eds.), *Monsoon and Civilization*, Roli Books and Lustre Press, Singapore: 275-79.
26. 2004 (et.al) Cord Impressed Ware and rice cultivation in South Asia, China and Japan: possibilities of inter-links, *Quaternary International*, 123-125:105-115.
27. 2005 (et al) Excavations at Gilund 2001-2003: the seal impressions and other finds, in *South Asian Archaeology 2003* (eds Ute Franke-Vogt and Hans Jochim Weisshaar), Linden Soft, Aachen, Germany.
28. 2005. (with G.L. Possehl) A Report on the Excavations at Gilund, 1999-2001. In *South Asian Archaeology*, Catherine Jarrige (ed.), Paris; 293-302.
29. 2005. (with Sinha Deshpande) Gujarat Between 2000-1400 BCE, *South Asian Studies* 21: 121-136.
30. 2006 (at. el.) Basic Issues in Harappan Archaeology: Some Thoughts, *Ancient Asia*, 1:63-72.
31. 2006 (with Sinha-Deshpande). Development of Urbanization in the Mewar Region of Rajasthan, India in the Middle of Third Millennium BC, *Ancient Asia*, 1: 103-122.
32. 2007. Emergence and Growth of Village Life in Mewar, Rajasthan, India: the Recent Evidence. In *South Asian Archaeology 1999*, Ed. Ellen Raven, Groningen: Egbert Forsten, 135-142.
33. 2007-08. (et al.) Western Indian (Mewar) Chalcolithic Beads with Special Reference to Balathal. *Beads (Journal of the Society of Bead Researchers)*, 19: 42-57.

34. 2008 (et al.). Exploration in the Ghaggar Basin and excavations at Girawad, Farmana (Rohtak District) and Mitathal (Bhiwani District), Haryana, India. In *Linguistics, Archaeology and the Human Past (Occasional Paper 3)*, T. Osada and A. Uesugi (Eds), Research Institute for Humanity and Nature, Kyoto, Japan: 77-158.
35. 2008-09. (et al.) Harappan Seals and Sealing from Farmana, Ghaggar Basin, India, *Ancient Sindh* 10: 27-35.
36. 2009 (et al.). Excavations at Madina, District Rohtak, Haryana 2007-08: A Report, in *Linguistics, Archaeology and the Human Past*, T. Osada and A. Uesugi eds., Occasional Paper 7: 77-177.
37. 2009 (et al.). Ancient Skeletal Evidence for Leprosy in India (2000 BC), *PLoS One*, Volume 4, Issue 5:1-8.
38. 2010 (with Teresa P. Raczek) A Review of the Gilund Excavations and Related Research, in T. Raczek and V. Shinde eds. The Gilund Project: Excavations in Regional Context (Proceedings of the 19th Meeting of the European Association of South Asian Archaeology in Ravenna, Italy, July 2007), *BAR International Series* 213, pp. 1-4.
39. 2010 Development from Mesolithic to Chalcolithic in the Mewar Region of Rajasthan: Contribution of Gilund Excavation Research, in T. Raczek and V. Shinde eds. The Gilund Project: Excavations in Regional Context (Proceedings of the 19th Meeting of the European Association of South Asian Archaeology in Ravenna, Italy, July 2007), *BAR International Series* 2132, pp. 5-10.
40. 2010 (in Japanese) (with H. Mifune and Y. Shimizu). Metallurgical Analysis of Copper/Bronze Vessels from the Megalithic site of Mahurjhari, India. *Annual Proceedings of the Society for the History of Asian Casting Technology*: 75-84.
41. 2010 (with Shweta Sinha Deshpande). The Bronze Age Civilization of South Asia: An Overview, in Asian High Tin Bronzes: Production Technology and Regional Characteristics, *Proceeding of the Seminar, University of Toyama, Japan*: 71-80.
42. 2010 (et al.) Subsidence of Holocene sediments in the Godavari delta, India, *Front. Earth Sci. China*, 4(4): 410–416.
43. 2011 (with A. Sarkar) Development of Chalcolithic Phases in Gilund through Ceramic Chronology. *Iranian Journal of Archaeological Studies*, 1 (2):61-73.
44. 2012. New Archaeological Discovery in Haryana: Highlights of the Results of Recent Excavations at Karsola. *Proceeding of International Conference on Art and Architecture in the Indian Subcontinent*, eds. B.R. Gaikwad and R.N. Jadhav, pp. 20-25. Aurangabad: Chinkay Prakashan.
45. 2012 (et al.) A Study of the Sewn-Plank Boats of Goa, India. *The International Journal of Nautical Archaeology* 41.1: 148–157.
46. 2013 (et.al.) Harappan Archaeology in the Ghaggar Basin with Special Reference to the sites of Girawad and Farmana. South Asian Archaeology 2007, Volume I, Prehistoric Period, (Eds.), Dennys Frenez and Maurizio Tosi, *BAR International Series* 2454: 201-216.
47. 2013 (with Asko Parpola) Gregory Louis Possehl 1941-2011. South Asian Archaeology 2007, Volume I, Prehistoric Period, (Eds.), Dennys Frenez and Maurizio Tosi, *BAR International Series* 2454: 15-22.
48. 2013 (et al.) Rediscovery of Indian dwarf wheat (*Tritium aestivum* L. ssp. *Sphaerococcum* (Perc.) MK.): an ancient crop of the Indian subcontinent. *Genetic Resources and Crop Evolution (An International Journal)*: Volume 60, No. 4:3-7.

49. 2013. (et al.) Plant micro remains from Early Historic Vessel, Gilund, Rajasthan, *Ancient Asia (Electronic Journal of Society of South Asian Archaeology)* 4.
50. 2013 (with Jang-Sik Park) Bronze technology of the ancient megalithic communities in the Vidarbha region of India. *Journal of Archaeological Science*, 40, Issue 11: 3811-3821.
51. 2013 (with Jang-Sik Park) Iron technology of the ancient megalithic communities in the Vidarbha region of India. *Journal of Archaeological Science*, 40, Issue 11: 3822-3833.
52. 2013 (with Jang-Sik Park) Technology, chronology and the role of crucible steel as inferred from iron objects of the ancient site at Junnar, India. *Journal of Archaeological Science*, 40, Issue 11: 3991-3998.
53. 2014 (with Jang-Sik Park) Characterization and Comparison of the Copper-Base Metallurgy of the Harappan Sites at Farmana in Haryana and Kuntasi in Gujarat, India, *Journal of Archaeological Science*, 50: 126-138.
54. 2014 (with Rick Willis) A New Type of Inscribed Copper Plate from Indus Valley (Harappan) Civilization, *Ancient Asia*, 5: 1-10.
55. 2012 (published in 2014) (et al.) Preliminary findings on Human Skeletal remains from Harappan site of Farmana. *Iranian Journal of Archaeological Studies (Scientific Research)*, Voi. 2 No.2: 51-64.
56. 2014. (with Arti Deshpande-Kukherjee) Evaluating the role of molluscan shells assemblage recovered from Padri, a coastal Harappan settlement in Gujarat, India. In *Archaeomalacology: Shells in the Archaeological Record*, Kathrine Szabo, Catherine Dupont, Vesna Dimitrijevic and Nathalie Serrand (eds.): *BAR International Series* 2666, pp. 19-31.
57. 2015 (with Astha Dibyopama) Human Skeletal Remains from Ancient Burial Sites in India: With Special Reference to Harappan Civilization. *Korean J Phys Anthropol (Korean Association of Physical Anthropologists)* Vol. 28, No. 1 (2015) pp. 1-9.
58. 2015 (et al.) Evidence for Patterns of Selective Urban Migration in the Greater Indus Valley (2600-1900 B.C.): A Lead and Strontium Isotope Mortuary Analysis, *PLOS ONE/DOI:10.1371/Journal.pone.0123103*: 1-20.
59. 2016. Current Perspective on the Harappan Civilization, in *Companion of South Asia in the Past*, eds. Gwen Robbins Schug and Shubhash Walimbe, Willy Blackwell: 127-144.
60. 2016 Anindya Sarkar, Arati Deshpande-Mukherjee, Navin Juyal, P. Morthekar, M.K. Bera, R.D. Deshpande, V.S. Shinde and L.S. Rao. Oxygen isotope in archaeological bioapatites from NW India: Implications to climate change and decline of Bronze Age Harappan civilization. *Nature Scientific Reports* | 6:26555 | DOI: 10.1038/srep26555.
61. 2016 (M. Singh, D. Mamania and Vasant Shinde) Holy Smoke, the Cannabis Sativa (Bhang) as Savior from Lord Shiva to Shankar, the Common Man, in *Earthen Plaster Support for Decorative Art in India*, by M. Singh, LAP Lambert Academic Publishing, Germany: 236-272.
62. 2018 (M. Singh, D. Mamania, Vasant Shinde). The scope of hemp (*Cannabis sativa* L.) use in Historical Conservation in India. *Indian Journal of Traditional Knowledge*, Vol. 17(2): 314-321.
63. 2018 (Shinde et al.). Archaeological and anthropological studies on the Harappan cemetery of Rakhigarhi, India. *PLoS ONE* 13(2) 1-14.

64. 2018. (Shinde et al) A young couple's grave found in the Rakhigarhi cemetery of the Harappan Civilization, *Anatomy and Cell Biology*, arc.2018.51.3.200-2014.
65. 2018. (corresponding author) Assessing the physical and pathological traits of human skeletal remains from cemetery localities at the Rakhigarhi site of the Harappan Civilization, *Anthropological Science*, 1-10.
66. 2018. (Shin et al.) Archaeoparasitological Strategy Based on the Microscopic Examinations of Prehistoric Samples and Recent Report on the Difference in the Prevalence of Soil Transmitted Helminthic Infections in the Indian Subcontinent, *Ancient Asia* 9.6:1-6.
67. 2018. A Unique Bimetallic Antiquity from the Early Historic site of Iswal, Rajasthan, India, *Pakistan Heritage*, Vol. 10: 91-96.
68. 2019. (et al.) Traumatic injury in a cranium found at Rakhigarhi cemetery of Harappan Civilization as Anthropological evidence of interpersonal violence. *Journal of Archaeological Science Reports* 23 (2019): 362-367.
69. 2019 (et al.). An Ancient Harappan Genome Lacks Ancestry from Steppe Pastoralists or Iranian Farmers, *Cell* 179, 1-7.
70. 2019. (et al.). Formation of Human Populations in South and Central Asia, *Science* 365, eaat7487: 1-15.
71. 2019. (et. Al.). Craniofacial Reconstruction of the Indus Valley Civilization Individuals found at 4500 years old Rakhigarhi Cemetery, *Anatomical Science International*, published online on 1st October 2019.
72. 2020. (with Diya Mukherjee). Understanding copper/bronze technology of the Harappan Culture with special reference to Rakhigarhi, in *Cultural Heritage of South Asia and Beyond: Recent Perspective*, Eds. Vasant Shinde, Shrikant Ganvir and Sayan Bhattacharya, Research India Press and Society of South Asian Archaeology (SOSAA), Pune, pp. 45-48.
73. 2020 (with Astha Dibyopama). Rang Mahal Sites of Hanumangarh District, Rajasthan, India, *Ancient Punjab* (Lahor, Pakistan), Vol. 2:1-65.
74. 2021 (et al.). Lipid residue in pottery from the Indus Civilization in Northwest India, *Journal of Archaeological Science*, Vol. 125

Popular Articles

1. 1986 (with M.K. Dhavalikar in Marathi). *Walki* - tamrapashan yugin ek wadi. *Kesari* (daily news paper).
2. 1988 (with M.K. Dhavalikar and S. Atre in Marathi). Kuntasi - chyar hajar varsha purviche ek audhogik kendra. *Maharashtra Times*, October 2, 1988.
3. 1990 (April 22, 1990) (with M.K. Dhavalikar and S. Atre) Kuntasi : Sindhu sanskritiche Audhogik Kendra. *Kesari* .
4. 1991 (January 10, 1991) (with P.B. Gambhir). Discovering buried customs. In *Times of India*.
5. 1991 (10 November 1991). History Comes Alive. *Maharashtra Herald*.
6. 1993 (21 March 1993). Sindhupurva Sanskriticha Shodh, *Sakal*.
7. 1993 (28 March 1993). Sindhu Sanskritiche Nave Pailu Ughadnare Utkhanan, *Sakal*.
8. 1994 (19 June 1994) Utkhananatun Ulghadnare Rang Lokjeevanache. *Sakal*.
9. 1994 (20 August 1994). Maharashtraatil Tamrapashanyug Sanskriti: Vaishishte va Jeevanman, *Kesari* (Ahmednagar daily news paper).

10. 1995 (28 May 1995) *Adhya Shetakaryanchya Sanskritivar Nava Prakash. Shabdagandh* (Sunday Magazine).
11. 1995 (28 May 1995) *Adhya Shetakaryanchya Sanskritivar Prakash. Zumbur*.
12. 1995 (17 September 1995) *Mewadchi Prachin Sanskriti. Sakal*.
13. 1997 (in Hindi). *Mewad me Harappan kalin Tamrapashan Samskriti. Janmangal Saptahik* (with Pandey and Kharakwal), 15 May 1997.
14. 2006. Excavations in Mangalvedha Tehsil (in Marathi), *Mangud* (weekly Marathi Magazine): 30-31.
15. 2012. Farmana and the Harappan Civilization, *Heritage India*, Volume 5, Issue 2, May-July: 82-91.
16. 2013. Rakhigarhi and the Harappan Civilization: Recent Work and New Challenges, *Explore Rural India- Heritage and Development*, Volume- 1, Issue-1: 16-23, January 2013.
17. 2014. (in Marathi) Sarvat Mothe Harappakalin Shahar Prakatnar?, *Maharashtra Times*, 20 January 2014.
18. 2014. (in Marathi) Tyani Nave Kay Sangitale, *Lokmat*, 9 March 2014.
19. 2014. (in Marathi) Rakhigarhi: Sindhu Sanskritichya Shodhachi Navi Disha, *Sakal*, 31 August 2014.
20. 2014 (in Marathi with S. Ganvir) *Nalanda Vidhyapeeth- Vidwattyecha Mandand, Manthan* (weekly supplement of Lokmat), 7 September 2014.
21. 2015 Rakhigarhi, *Frontline*
22. 2015 Rakhigarhi, *Open Magazine*
23. 2015 Rakhigarhi, *Forbes*
24. 2019 (in Marathi). *Apan Sindhuputrach, Maharashtra Times* 6 October 2019

Editorial Work

1. Member of the Editorial Board, Bulletin of Deccan College, Research Institute, 1996 to 1999 and since 2008 to the present.
2. Member, Editorial Board, Discovery India Gallery (The Indian Heritage Internet Site) since 1997.
3. 2000. One of the editors of Bulletin of Indo-Pacific Prehistory Association 19.
4. 2001. Associate Editor, *Forest and Civilization*, Lustre Press, Singapore.
5. 2002. Associate Editor, *Origins of Pottery and Agriculture*, Roli Books-Lustre Press, Singapore.
6. Editor, *Ancient Asia* (An international Journal of the Society of South Asian Archaeology since 2006).
7. Member, Editorial Board, *Journal of Indian Ocean Archaeology* since 2007.
8. Member, Editorial Board, *Iranian Journal of Archaeological Studies*, since 2010.
9. Member, Editorial Board, *Archives of South Asian Heritage*, since 2013.

Contributions of Prof. Shinde to Indian Archaeology:

1. Initiated Experimentation in Flint-knapping.
2. Discovered an independent phase of development of domestication and settled life in Mewar region of Rajasthan dated to the 5th – 6th millennia BC.

3. Discovered initial development of urbanization in Mewar region of Rajasthan that was contemporary to the Harappans.
4. Established Society of South Asian Archaeology (SOSAA) – with a view to promoting young archaeologists and take Indian Archaeology to the global level.
5. Educated the local people and established groups in Maharashtra, Rajasthan and Haryana to protect Cultural Heritage of the country.

Administrative Experience

Prof. Shinde has a vast administrative experience. Apart from working on numerous high power National and International Committees, he has been acting as Field Director of many excavations since 1990. He was Pro- Vice Chancellor of the Deccan College, Deemed University from 2008-2013 and Vice Chancellor of the same University from 2013 till the present. He has vast experience in organizing National and International Conferences/ Seminars and convocations of the University.