

Curriculum Vitae

Name: Vasant Shivram Shinde (Ph.D.)
Date of Birth: 15th June 1956
Address: Department of A.I.H.C. and Archaeology,
Deccan College Post-Graduate and Research Institute,
(Deemed to be a University) Pune - 411 006 INDIA.
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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.

Languages known: English, Hindi, Marathi and Gujarati

Computer knowledge: Applications of Microsoft programme

Designation:

Professor of Archaeology (Since April 2003) and
Vice-Chancellor of the University (Since October 2013)

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)

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 produced:

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*.

P.G Diploma Dissertations produced

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*.

M.Phil. Dissertations produced

1. Anupama Ukidve: *Comparative Study of Selected Temples in Pune*.

Ph.D.s Produced:

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. Niranjan 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. Astha Dibhyopama: *Early Historic Archaeology of Jodhpur District, Western Rajasthan with Special Reference to Rang Mahal Culture.*
29. Fariba Sarhaddi: *Ethno-archaeological Study of Kalpoorgan Pottery, Sistan-Balochestan Province, Iran.*

Ph. D. Guidance:

1. Chung Suk Yun: *The Avalokitesvara and Tara in the Buddhist Caves of Maharashtra: An Archaeological Perspective.*
2. Nisha Sawant: *Industrial Archaeology of Mumbai: A Case Study of Cotton Textile Industry.*
3. Sutapa Lahiri: *A Study of Social Life of the Mature Harappan Period in the Ghaggar Basin in Haryana: An Ethno-archaeological Perspective.*
4. Udayakumar, S.: *A Study of Iron Technology at the Iron Age Sites of Iswal and Nathara-ki-Pal, Rajasthan, Western India.*
5. Tejal Ruikar: *A Study of Transition of Mature Harappan Phase from the Early Regional Cultures with Special Reference to Farmana.*

6. Nilam Dhapare: *Archaeology of Junnar with Special Emphasis on Early Historic Phase.*
7. Rita Jeney (Eotvos Lorand University of Sciences, Budapest, Hungary): *From Myth to Cultural Heritage: the Research History of River Saraswati from 1784.*
8. Seema Bansode (Solapur University) *A Comparative Study of Ancient and Modern Buddhism in India.*
9. Nandkishor Mate: *Sinhagarh: An Archaeological Perspective*
10. Avradeep Munshi: *Medieval archaeology of Champaner - Pavagadh and surrounding region, Gujarat*

Ph. D. Co-Guidance:

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: 43

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: 36 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. Excavation at Rakhigarhi, Hissar District, Haryana, January 2015 – May 2015.

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 Ghagger River:** In 1996- 97 extensive and intensive archaeological exploration in the Ghagger 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. These issues are being pursued at the largest Harappan site of Rakhigarhi located in Hissar District of Haryana.

Research Projects Completed as Lead Investigator: Ten (two 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.
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.
12. Gongju National Museum, South Korea, November 2010.
13. National Museum of Pakistan, Karachi, January 2012
14. Lahore Museum, Lahore, January 2012
15. National Museum of Bangladesh 2012
16. National Museum of Turkmenistan, Ashgabat, 13 March 2014.

17. Studied antiquities from excavated sites such as Inamgaon, Walki, Kaothe, Kuntasi, Kandhar, Padri, Balathal, Gilund, Mudvi, Siddhapur, Junnar, Farmana, Girawad, Mitathal, Karsola, Rakhigarhi, 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 between 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.

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. Visiting Professor, Research Institute for Humanity and Nature, Kyoto, Japan, March-June 2006.
17. Late Shree Madhukar Ramkrishna Inamdar Foundation Trust all India Award for excellence in Museum Studies/Archaeology, 21 August 2007.
18. Visiting Scholar, Indian Institute of Advanced Study, Simla, 12-18 November 2007.
19. Elected Archaeology Section President, Indian History Congress, Malda, West Bengal, 11-13 February 2011.
20. Distinguished visiting Professor , Guatemala City, Guatemala, 15-17 April 2013
21. Punya Bhushan award 2014.
22. Vidyasagar Award for academic excellence by Indian Institute of Oriental Heritage Kolkata 700009 in February 2015.
23. Chairperson at the International Seminar on The Indus-Sarasvati (Harappan) Civilization Vis-à-vis the Rigveda , New Delhi, 27th-29th March 2015.

24. Chair of the session in 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 nominee on the Selection Committee at Central University of Rajasthan, 5-8 December 2015.

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, August 1996.
23. New Developments in Field Techniques in Archaeology. Department of Ancient History and Archaeology, Allahabad University, Allahabad, 2 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 Bhausahab 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 its 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 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 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 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: 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, Babasaheb 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. First Shobhana Gokhale Memorial Lecture on Harappan Civilization and its Script and Language, Tilak Maharashtra Vidhayapeeth, 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 Academi (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. Prof. Y. D. Sharma Memorial Lecture at Indian Archaeological Society, New Delhi on April 9, 2015
135. A Two-day discussion meeting on "New Scientific Approaches to Understanding the Indus Valley Phenomenon". at IMSc 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.**
136. 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. a. *Relevance of the Harappan Studies*, and b, *New Direction in Harappan Studies at Rakhigarhi*, K.P. Jayaswal Memorial Lectures, Patna, 1 December 2015.
139. Harappan and Vedic Culture: A Comparative Analysis, Chairman's remarks, Sathey College, Mumbai, 3 January 2016.

**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.

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

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 Parishad, 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 Indian 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. National Seminar on the Recent Advances in the Study of Harappan Civilization, Shimoga, Karnataka, 30 January 2016.
Paper presented: **Harappan Civilization of South Asia: New Perspectives**

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 Ear 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-Sarasvati 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.
Organized 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 2016-01-19.
Paper presented: **A Review of the Research on the Chalcolithic Phase of the Deccan.**

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.
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. (date)

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. Convenor, 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. Convener, Intentional Conference on Ancient Science and Technology

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. (in press) *Chalcolithic South Asia: Aspects of Crafts and Technologies*, Infinity Foundation, USA.

Monograph:

Monograph published on “*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.

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 (ed. with Teresa Raczek) *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 (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 (et al.). *Art and Archaeology of Madhya Pradesh and the Adjoining Region: Recent Perspective*, Bhopal: Directorate of Archaeology, Archives and Musuem, Government of Madhya Pradesh.
10. 2014. *Ancient Asia 5* (continuous, online Journal)
11. *Ancient Asia* continuous, online Journal.
12. *Bulletin, Deccan College Research Institute, Vol. 74*.
13. *Bulletin, Deccan College Research Institute, Vol. 75*.

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 Maharashtratil 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 Krishna 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 Kumbhalgarh, 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, Sopalur 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 Special 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 and Kulkarni). 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) 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) 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.

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 Senevratne 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.

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 audhogic 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). *Maharashtratil 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*. Zumber.
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* (wekly supplement of Lokmat), 7 September 2014.
21. 2015 *Rakhigarhi*, Frontline
22. 2015 *Rakhigarhi*, Open Magazine
23. 2015 *Rakhigarhi*, Forbes

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.

Under Preparation

1. Excavation report of the Harappan site of Padri.

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.
6. Initiated International Collaboration and generated more than Rs. 2 crore research funding.