

Curriculum Vitae of  
**J. S. Kharakwal**  
Born on 4<sup>th</sup> June, 1966, Uttarakhand



**Professional Career:**

1989. M.A. Kumaon University, Nainital

1994. Ph.D Title: Archaeology of Central Himalaya. Deccan College, Pune under the supervision of V.N. Misra.

1996. Joined as Assistant Professor, Deptt o Archaeology, JRN Rajasthan Vidyapeeth, Udaipur.

2018 Joined as Professor in Deptt. Of Archaeology, JRN Rajasthan Vidyapeeth (deemed to be Unviversity), Udaipur.

**2001-02: Post Doctoral Fellow: Japan Society for Promotion of Science, International Research center for Japanese Studies, Kyoto**

**2004-2005: Visiting Professor: Research Institute for Humanity and Nature, Kyoto,**

**Administrative Responsibility**

Since 1<sup>st</sup> July, 2011 working as Director, Sahitya Sansthan (a research center of JRN Rajasthan Vidyapeeth) .

2009-2012 Member, Board of Management of JRN Rajasthan Vidyapeeth, Udaipur

**Profile at a glance**

1	Books Published:	4 + 1 (etd)
2	Monographs	4
	Excavation Reports	1
3	Books in press	1
4	Research Papers in journals :	82
5	Popular articles:	11
6	Papers presented in Regional and National Conferences:	30
7	Papers presented in International conferences	19
8	Editorial experience	10 years (Sodh Patrika, Pachhyan)
9	Life or exe. member of academic societies	10
10	Teaching Experience	29 yrs

11	Ph.D. Students	8 ongoing (awarded 7)
12	Honours and Awards	4
13	<b>Countries visited for academic purpose:</b> Japan, China, Vietnam, Turkmenistan, Iran, Italy, Austria, Hungry, Switzerland, France	11
14	<b>Archaeological sites excavated</b>	3

### A. Books and Reports:

1. 1998 Co-author with D.P. Agrawal.  
*Central Himalayas an Archaeological Linguistic and Cultural Synthesis*. Delhi: Aryan Books International. (ISBN 817305-132-1)
2. 2002 Co-author with D.P. Agrawal.  
*South Asian Prehistory*. Delhi: Aryan Books International. (ISBN 81-7305-236-0)
3. 2003 Co-author with D.P. Agrawal. 2003.  
*South Asian Bronze and Iron Ages*. Delhi: Aryan Books International. (ISBN 81-7305-252-2)
4. 2011. Kharakwal, J.S.  
*Indian Zinc Technology in Golbal Perspective*. New Delhi: Pentagon Press and Infinity Foundation Series. (ISBN 978-81-8274-491-2)
5. Co-author with D.P. Agrawal 1998.  
*Central Himalayas an Archaeological Linguistic and Cultural Synthesis*. Delhi: Aryan Books International. (ISBN 817305-132-1)
6. Kharakwal, J.S., Y.S. Rawat and Toshiki Osada **2012**  
*Kanmer Excavation (2005-09). Kyoto (Japan)*: Research Institute for Humanity and Nature (ISBN 978-4-902325-72-0)
7. Kharakwal, J.S. and P.S. Raman (Eds.) 2015. Dharohar. Sahitya Sansthan, JRN Rajasthan Vidyapeeth, Udaipur and Archaeological Survey of India, Jodhpur Circle.
8. Kharakwal, J.S. 2012. Kanmer A Unique Harappan Township in Kachchh, Gujarat. Udaipur: Himanshu Publication.

9. Kharakwal, J.S. 2013. Zawar The Oldest Pure Zinc production center of the World. Udaipur: Himanshu Paublication.
10. Kharakwal, J.S. 2014. The Archaeology of Rajasthan. Udaipur: Himanshu Publication.
11. Kharakwal, J.S. 2016. Excavation at Chandravati, Sirohi. Udaipur: Himanshu Paublication.
12. Kharakwal, J.S. 2012 (Ed.) *Sodh Patrika* vol. 61. Udaipur: Institute of Rajasthan Studies.
13. Kharakwal, J.S. 1994.  
*Archaeological Explorations in Kumaun Himalaya*. Unpublished Ph.D dissertation, carried out in Deccan College, Pune under the guidance of Prof. V.N. Misra, University of Poona.

## **B. Research Papers in Journals/ Proceedings/Books:**

1. Co- author with D.P. Agrawal, D. Bhatt and S. Malaiya. 1991.  
Archaeology of Kumaon Problems and Prospects. *Man and Environment* 16(1):59-63.  
(ISSN 0258-0446)
2. Co-author with D.P. Agrawal, and D. Bhatt. 1992.  
Savagar tatha Mridbhand (in Hindi). *PAHAR* 5-6: 12-15.
3. Kharakwal, J.S. 1992.  
Mahasmiya Sanskriti ke Avses (in Hindi). *PAHAR* 5-6: 16-17.
4. Kharakwal, J.S. 1993.  
Memorial Stones vis-à-vis Birkhamb of Kumaon, Uttar Pradesh. *Bulletin of Deccan College Post Graduate and Research Institute, Pune* 53: 303-13.
5. Kharakwal, J.S., D. Bhatt and M. Pant. 1993.  
Madhya Himalaye Kshetra Kumaon; Puratattva and Paramparain (in Hindi). *Sodh Patrika* 44:64-77.
6. Co-author with L. Pandey 1994.  
Balathal Utkhanan : Prarambhik Rapat (in Hindi). *Sodh Patrika* 45(1): 62-74.
7. Co-author with D.P. Agrawal 1994.  
Use of Scientific Techniques in Indian Rock Art Studies. *Purakala* 5(1-2): 67-69.

8. Co-author with D.P. Agrawal, S. Kusumgar, M.G.Yadav, M. Pant and V. D. Gogte 1995.  
Was Kumaon the Source of Early Iron in North India? *Man and Environment* 20(1): 81-85. (ISSN 0258-0446).
9. Co-author with D.P. Agrawal, S.Kusumgar and M.G.Yadav 1995.  
Cist Burials of Kumaon Himalayas. *Antiquity* 69 (264): 550-54. (IFFN 0003598 X)
10. Co-author with V.N. Misra, V. Shinde, R. Mohanty, K. Dalal, A. Misra and L. Pandey. 1995.  
Balathal excavations their contribution to the Chalcolithic and Iron Age Cultures of Mewar. Rajasthan. *Man and Environment* 29(1): 57-80. (ISSN 0258-0446)
11. Kharakwal, J.S. and Deep Harbola 1996.  
Kumaon mai Mahapasankalain Savagar Parampara. *Pragdhara* 6:169-76.
12. Co-author with V.N. Misra, V. Shinde, R. Mohanty and L. Pandey 1997.  
Excavation at Balathal, Udaipur district, Rajasthan (1995-97), with Special Reference to Chalcolithic Architecture. *Man and Environment* 22(2):35-39. (ISSN 0258-0446)
13. Kharakwal, J and Anita Rane 1997.  
Cup-Marks and Gaychole Game, in *Himkanti* (B.M. Khanduri and V. Nautiyal Eds.). Delhi: Book India Publishing Co. Pp 155-160. (ISBN 81-85638-10-1)
14. Kharakwal, J and V.S. Shinde 1997-98.  
The Archaeology of Kumbhalgarh, In *Souvenir*. Udaipur: Maharana Kumbha Sangeet Parishad. pp. 49-53
15. Kharakwal, J.S. 1998-99.  
Exploration in District Almora. *Indian Archaeology: A Review* PP 170-172.
16. Kharakwal, J.S. 1999.  
The Archaeology of Kumaon Region, North India, *Bulletin of the Deccan College Post-Graduate and Research Institute*, Pune 58-59:161-174.
17. Kharakwal, J. 2002.  
The Origins of Pottery and Agriculture Edited by Yoshinori Yasuda. Published by Roli Books, Delhi, India 2002. *Sodh Patrika* 53 (1-4):120-123. .
18. Kharakwal, J. 2002.  
Socio-Economic Conditions in Rajasthan (based on documents) (1650-1750 AD) by B.M. Jawalia 2002. *Sodh Patrika* 53 (1-4):117-119. (book review)

19. Kharakwal, J.S. D.P. Agrawal and Diwa Bhatt 2003-04.  
The fort of Banasur at Lohaghat, Kumaun, Uttaranchal. *Purattatva* 34: 160-165.
20. Kharakwal, J.S., L. Pandey, M.L. Sharma, M.L. Meena, J. Meena, L.C. Patel and H. Chaudhary 2005. Archaeological survey and excavations in Rajasthan. *Sodh Patrika* 55 (1-2): 18-51.
21. Co-author with R.K.Mohanty, A.Mishra, P.P. Joglekar, P.K.Thomas and T. Panda. 2000.  
Purani Marmi: A Late Ahar Culture Settlement in Chittorgarh District, Rajasthan. *Puratattoa* 30:132-141.
22. Kharakwal, J., M.L. Sharma and Madan L. Meena 2002.  
Discovery of ancient smelting sites near Ganeshwar, district Sikar, Rajasthan. *Sodh Patrika* 53 (1-4): 92-104.
23. Co-author with D.P. Agarwal 2002.  
Outstanding problems of Early Iron Age in India. In *Tradition and Innovation in the History of Iron Making*, (eds.) Girija Pandey and Ian af Geijerstam. Nainital: Pahar. Pp. 3-20. (ISBN 81-86246-19-3)
24. Kharakwal, J.S., A. Yano, Y. Yasuda, V.S. Shinde and T. Osada 2004.  
Cord Impressed Ware and Rice cultivation in India, China and Japan. *Quaternary International* 123-125: 105-115. (ISSN 0406182).
25. Kharakwal, J.S. 2005.  
Indus Civilization: An Overview. *Occasional Papers 1* (Indus Project). Edited by T.Osada. Kyoto: Research Centre for Humanity and Nature. Pp 41-86.
26. Kharkawal, J.S. 2005.  
Archaeological Exploration in Kumaun Himalaya. In *Gurudakshina Facets of Indian Archaeology, Essays Presented to Prof. V.N. Misra* (Ed. Alok Kanungo). England: BAR Series 1433: 167-184.(ISBN 1 84171 723 1)
27. Kharakwal, J.S., L. Pandey, M.L. Sharma, M.L. Meena, L.C. Patel, J. Meena and H. Chaudhary 2005.  
Archaeological Survey and Excavations in Rajasthan. In *Rajasthan Through the Ages* (Eds. L.Pandey, S. K. Sharma and J.S. Kharkawal). Udaipur: Sahitya Sansthan, JRN Rajasthan Vidyapeeth. Pp 26-59.
28. Kharkawal, J.S. Y.S. Rawat and Toshiki Osada 2005.

- Harappan sites in Kachchh and Opportunity of tourism. In *Heritage Tourism Exploring the Future*. Govt. of Gujarat. Pp 35-43.
29. Kharakwal, J.S. 2006.  
Zawar: the oldest zinc production center. *Rastra Nirman mai Mewar ka Yogdan*. Udaipur: Maharana Pratap Samiti. Pp 193-210.
30. Kharakwal, J.S. Toshiki Osada and Y.S. Rawat 2006.  
BMAC Harappans and Ahar Culture and Aryans. In *Proceedings of the Pre-symposium of RIHN and 7<sup>th</sup> ESCA Harvard-Kyoto Roundtable* (Ed.) T. Osada. Research Institute for Humanity and Nature, Kyoto. Pp 8.
31. Kharakwal, J.S., Y.S. Rawat and Toshiki Osada 2006.  
Excavation at Kanmer: A Harappan site in Kachchh, Gujarat, India. *Sodh Patrika* 57:102-122.
32. Kharakwal, J.S. and L.K. Gurjar 2006.  
Zinc and brass in archaeological perspective. *Ancient Asia* 1: 139-159. (ISBN 81-89752-01-4).
33. Kharakwal, J.S. and A. Yano 2007.  
Rice cultivation: associated rituals and festivals with special reference to Central Himalayas. In *Traditional Knowledge Systems and Archaeology* (Eds. D.P. Agrawal, S. Jamal and M. Shah). Delhi: Aryan Books International. Pp 83-99. (ISBN 81-7305-334-0)
34. Kharakwal, J.S., Y.S. Rawat and Toshiki Osada 2008.  
Preliminary Observations on the excavation at Kanmer, Kachchh, India 2006-07. *Occasional Papers* 5 (Ed. Toshiki Osada). Kyoto, Japan: Indus Project, Research Institute for Humanity and Nature. Pp 5-23. (ISBN 978-4-902325-34-8).
35. Kharakwal, J.S., Y.S. Rawat and Toshiki Osada 2008.  
Preliminary report of excavation at Kanmer, Kachchh, Gujarat 2006-07. *Sodh Patrika* 59 (1-2): 99-132.
36. Kharakwal, J.S., D.P. Agrawal and Diwa Bhatt 2008.  
Asuras and iron technology. *PAHAR* 16-17: 73-85. (ISBN 81-86246-40-1)
37. Kharakwal, J.S., Y.S. Rawat and Toshiki Osada 2009.  
Excavation at Kanmer: A Harappan Site in Kachchh, Gujarat. *Puratattva* 39: 147-164.
38. Kharakwal, J.S., Y.S. Rawat and Toshiki Osada 2009.

- Kanmer: A Harappan site in Kachchh, Gujarat, India: Preliminary report of the first season's excavation. In Ed. Toshiki Osada *Indus Civilization Text and Context vol II*. Delhi: Manohar Pub. Pp 29-54. (ISBN 978-81-7304-821-0)
39. Kharakwal, J.S., H.V. Paliwal and L.K. Gurjar 2009.  
Contribution of Mewar in the development of metal technology. *Vigyan Chetna*, Jaipur 3: 32-42.
40. Co-author with Hansmukh Seth 2009.  
Traditional Storage technology. *Vigyan Chetna*, Jaipur.
41. Kharakwal, J.S. Y.S.Rawat, T. Osada, L.C. Patel, H. Seth, R. Meena, S.Meena, K.P. Singh and A. Hussain 2009.  
Kanmer: A unique Harappan site in Kachchh, Gujarat. *Sodh Patrika* (year 60 vol 1-4) : 220-259.
42. Agrawal, D.P., Kharakwal, J.S., Y.S. Rawat, T. Osada, and P. Goyal 2010.  
Redefining the Harappan Hinterland. *Antiquity* vol 84 (323) on line publication. (www.antiquity.com).
43. Kharakwal, J.S. 2010. Uttaranchal ka Puratattva aivm Paramparik Gyan. *Pachchhyan* vol 1.
44. co-author with Diwa Bhatt. 2010. Uttaranchal mai bhawan nirman kala. *Chaumasa* 26 vol 81 Nov 09-Feb): 68-71.
45. Kharakwal, J.S., Y.S. Rawat and Toshiki Osada 2011.  
Annual Report of Excavation at Kanmer 2007-08 and 2008-09. Occasional Papers. Kyoto: Research Institute for Humanity and Nature. Pp 71-104 (ISBN 978-4-902325-61-4).
46. Co-author with A. Pokharia, Y.S. Rawat, Toshiki Osada, C. M. Nautiyal and A. Srivastava 2011. Archaeobotany and archaeology at Kanmer, a Harappan site in Kachchh, Gujarat: evidence for adaptation in response to climatic variability. *Current Science* 100 (12): 1833-46.
47. Goyal Pankaj, Pokharia, Anil K.,Kharakwal, J.S., Joglekar, P., Rawat, Y.S., and Osada, T. **2013**. Subsistence system, palaeoecology and <sup>14</sup>C chronology at Kanmer, a Harappan site in Gujarat, India. *Radiocarbon*, 55(1): 141-150. (IF: 4.565)

48. Pokharia, Anil K., Kharakwal, J.S., Srivastava, Alka. **2014**. Archaeobotanical evidence of millets in the Indian subcontinent with some observations on their role in the Indus civilization. *Journal of Archaeological Sciences*, **42**: 442-455. (IF: 3.256)
49. Kharakwal, J.S. 2015. Ancient Burials in Central Himalayan Region. In *Megalithic Culture of India* (Ed. R.K. Mohanty, K. Basa and S.B. Ota). Pp 343 – 361. Delhi.
50. Kharakwal, J.S. 2015. Prehistoric Art of Rajasthan. In Dharohar (Eds. J.S. Kharakwal and P.S. Raman). Sahitya Sansthan and Archaeological Survey of India, Jodhpur Circle. Pp 26-33.
51. Kharakwal, J.S. 2015. The Harappans and rural Bronze Age folks in Rajasthan. In Dharohar (Eds. J.S. Kharakwal and P.S. Raman). Sahitya Sansthan and Archaeological Survey of India, Jodhpur Circle. Pp 34-42.
52. Kharakwal, J.S. 2015. Iron Age and Medieval Settlements. In Dharohar (Eds. J.S. Kharakwal and P.S. Raman). Sahitya Sansthan and Archaeological Survey of India, Jodhpur Circle. Pp 43-51.
53. Kharakwal, J.S. 2015. Zawar: the oldest pure zinc production center. In Dharohar (Eds. J.S. Kharakwal and P.S. Raman). Sahitya Sansthan and Archaeological Survey of India, Jodhpur Circle. Pp 73-81.
54. Garg, Pranjal and J.S. Kharakwal 2015. Ceramic Assemblage of the first farmers of Mewar. In Dharohar (Eds. J.S. Kharakwal and P.S. Raman). Sahitya Sansthan and Archaeological Survey of India, Jodhpur Circle. Pp 143-149.
55. Joshi, A., J.S. Kharakwal, and H. Seth 2015. Vastra Nirman ki pratham kadi: Takli wa soot ka nirman. In Dharohar (Eds. J.S. Kharakwal and P.S. Raman). Sahitya Sansthan and Archaeological Survey of India, Jodhpur Circle. Pp 166-170.
56. Tewari, Nupur and J.S. Kharakwal 2015. Preserving the crafts and craftsmanship of Udaipur. In Dharohar (Eds. J.S. Kharakwal and P.S. Raman). Sahitya Sansthan and Archaeological Survey of India, Jodhpur Circle. Pp 178-186.
57. Kharakwal, J.S. 2016. Preliminary Observations of Excavation at Chandravati, Sirohi, Rajasthan. *Sodh Patrika* 67 (1-4): 20-54.
58. Kharakwal, J.S., K.S. Vyas Om Prakash Sharma, Kukki, Narayan Paliwal, Shoyab Qureshi, Nikhil K. Srivastava and g. Mahendra Singh 2017. Bijolia and Bundi ke Madhya Pashan kalin Manav ke pramano ki khoj: Ek Sarvekshan. *Sodh Patrika* 68(1-2): 155-161.
59. Mohanty, R.K., S. Vaidya J.S. Kharakwal, Virag Sontakke and T. Thakuria 2017. The early Iron Age Megalithic culture of Vidarbha in broader perspective: a pragmatic observation. *Sodh Patrika* 68(1-2): 20-51

60. Kharakwal, J.S., K.S. Vyas Narayan Paliwal, Manis Shrimali, Krishnapal Singh, Shoyab Qureshi 2019. Chavand ka puratattvik Sarvekshan. Sodh Patrika 70 (1-4): 133-144.
61. Co author with Chintan Thakar, Puna Ram Patel and Priyank Talesara 2019. Paschimi Banas Ghati mai pasankalin sthalon ki khoj. Sodh Patrika 70 (1-4): 103-125.
62. Co-author with R. Devra, and A. Mukherjee 2019. Prehistoric Exploration in Jaisalmer and Jodhpur districts, Rajathan: A Preliminary report of 2018-19. Sodh Patrika 70 (1-4): 103-125.
63. Abhayana, G.S., P. P. Joglekar, P. Goyal, S.V. Rajesh, Jeewan Singh Kharakwal, Y.S. Rawat, T. Osada 2020. An ichthyoarchaeological investigation into the Harappan settlement at Kanmer in Gujarat, India. *Journal of Archaeological Science: Reports* 33: 1-13.
64. Kharakwal, J.S. and H.Seth 2020. Rajasthan mai swatantrata ke paschaat puratattva ka vikaas. In Bharat Chhodo se Nav Bharat (Ed. Pratibha Pandey). Chhatisgarh: Orange Books Publication. Pp 18-39 (978-93-90489-38-1)
65. Kharakwal, J.S. Arvind Kumar, K.S. Vyas, K.P. Singh Devra, N. Paliwal, S. Qureshi 2020. Zawar main Zaste ki bhattiyon ki khoj. Sodh Patrika 71 (1-4): 153-163.
66. Kanungo, A. ,R. Raviteja, O. Roy, and **J.S. Kharakwal** 2020. Understanding ancient zinc technology: An experimental study. *Man and Environment XLV* (2): 87-93.
67. Pokharia, A.K., J.S. Kharakwal, Salini Sharma, M. Spate, D. Tripathi, A. P. Dimri, Xinyi Liu, B. Thakur, S.K. Basumatary, A. Srivastava, K.S. Mahar, K.P.Singh 2020. Variable monsoons and human adaptations: archaeological and palaeoenvironmental records during the last 1400 years in North Western India. *The Holocene* DOI: [10.1177/0959683620919976](https://doi.org/10.1177/0959683620919976). (Impact Factor: 2.595).
68. Kharakwal, J.S. 2020. Problems and Perspective of Archaeology of Rajasthan. In Proceeding of Rajasthan Archaeology and Epigraphy Congress, Bikaner 9<sup>th</sup> and 10 Feb. 2019 (Eds. B. L. Bhadani, R. Vyas, R. Kumar, M. Kumar Pancharia). Bikaner: Sabd Ratan Publication
69. Kharakwal, J.S., K.S. Vyas, K.P. Singh Devra, Narayan Paliwal, Monish Paliwal, S. Qureshi 2021. Shaharkot (Udaipur) ka puratattvik sarvekshan. Sodh Patrika 72 (1-4): 89-134.
70. Panwar, T. A. Sarkar, Payal Sen, J. S. Kharakwal and P. Singh 2021. Discovery of archaeological sites in Chaksu Tehshil, Jaipur, Rajasthan. Sodh Patrika 72 (1-4): 161-171
71. Kharakwal, J.S. 2021. Ancient Rock Art in South Rajasthan. Rajasthan History Congress 35: 120-126.

72. Kharakwal, J.S. 2021. Archaeology of West Banas with special reference to Chandravati. In *Reconfiguring the Historical Landscape of Rajasthan Essays for GSL Devra* (Eds. Mayank Kumar S. Bharadwaj, R.P. Bahuguna and S. Sharma) pp 23-46. Delhi: Aakar Books (ISBN 978-93-5002-693-9)
73. Kharakwal, J.S. and H, Seth 2021. Rajasthan mai svatantrata ke paschaat puratattva ka vikas. In *Bharat Chhodo se nav Bharat* (Ed. Pratibha). Chhatishgarh: Orange Book publication. Pp 18-39. (ISBN 978-93-90489-38-1)
74. Kharakwal, J.S. 2022. Rajasthan ka Puratattva: Uplabdhhiyan aur samasyain. *Madhumati* 62 (3): 26-32.
75. Kharakwal, J.S. 2022. A preliminary archaeological survey of Kumbhalgarh fort. In *Maharana Udai Singh ka Vyaktitva and Krititva* (ed. Swati Jain). PP 4-16. Maharana Mewar Cheritable trust, Udaipur.
76. Seth, H and J.S. Kharakwal 2023. Harappan Script Material from Kanmer. In *Research on Indus Civilization in the wake of Hundred years of Excavation at Harappa*. Eds. Rajesh S. V., Abhayan G. S., Preeta Nayar. Kerala: deptt of archaeology, Kerala University 342-348.
77. Sarkar, A and J. S. Kharakwal 2023. Religious Aspect of the Aharians Heritage: *Journal of Multidisciplinary Studies in Archaeology* 11: 314-332.
78. G. S. Abhayan, P. P. Joglekar, P. Ajithprasad, S. V. Rajesh, P. Goyal, B. Chase, J. S.Kharakwal and P. Shirvalkar 2025. Ichthyoarchaeological perspectives on roles of fish and red meat during Indus Civilization in Gujarat, India. *Frontiers in Environmental Archaeology* DOI 10.3389/fearc.2025.1517351.
79. Kanungo, A. K., R. K. Kaushal, R. Bhushan, N. Chauhan, J. S. Kharakwal and S. Ansari 2025. Luminescence and radiocarbon chronology of Bhagatrav: A Sorath Harappan camp site in South Gujarat. *Radiocarbon* 67: 53–73. doi:[10.1017/RDC.2024.119](https://doi.org/10.1017/RDC.2024.119).
80. Kharakwal, J.S. 2025. Meera ki Yatrain. *Banas Jan* 79 (17): 143-153.
81. Kharakwal, J.S. T. Panwar and R.Devra 2025. Discovery of a Harappan Settlement in Jaisalmer. *India's World* (1)6: 59-64.

### C. Popular papers:

1. 1996a Moti Mahal : Udaipur mai Maharanaon ka Prachintam Bhawan, Rajasthan Patrika 22August :10, Jaipur.
2. 1996b. Tamrparasankalin Sanskritiyan aur Mewar ka Prachintam Gaon: Balathal, Rajasthan Patrika 5<sup>th</sup> September: 11, Jaipur.

3. 1997. Rangmahal Sanskriti, *Rajasthan Patrika* 14<sup>th</sup> October, Jaipur.
4. 1998. Tharu and Boxa Tribes, *Rastradoot* 31<sup>st</sup> August, Udaipur.
5. 1999. Ghatol tehsil main Prachin Dhatu Khanan ke Avses, *Dainik Bhaskar*, 9<sup>th</sup> Septmeber, Udaipur
6. 1999. Birkhambh, *Sri Ram singh Dhauni Smarika*, Jhaldungra, Almora.
7. 2000. William Jones ki Bharatiya Puratatva Ko Den, *Rajasthan Patrika*.
8. 2002. Cultural Personality of Uttaranchal, *Nanital Samachar*
9. 2006. (in press) Kanmer: A Harappan site in Kachchh, Gujarat
10. 2006. Discovery of a Harappan citadel at Kanmer and relationship with Ahar Culture. In *Janmangal* (Monthly: September 2006)
10. 2006. Relationship of the Harappans with the Central Asians Cultures. *Rajasthan Patrika* 23 November 2006.
11. 2010. Kanmer se khoje jaye Harappa Sanskriti ke parpatra. *Janmangal* (Monthly July 2010)

#### **D. Editorial Experience:**

1. Co-editor Sodh Patrika, a biannual research journal published from Institute of Rajasthan Studies, J.R.N Rajasthan Vidyapeeth, Udaipur .
2. Executive Member of PAHAR, Nainital.
3. *Edited Pachchhyan 2010-2011*, an annual magazine of Uttarakhand Parishad, Udaipur.
4. Edited *Sodh Patrika vol 61*, (a quarterly research journal) of Sahitya Sansthan, JRN Rajasthan Vidyapeeth, Udaipur.

#### **E 1.3 Excavations:**

##### **Attended for full season or partially and shared responsibility**

1. 1990-91 Participated in Megalithic excavations of Cist Burials at Ladyura in Almora district of Kumaun.
2. 1991-92 Attended Neolithic excavations of ash-mounds at Budihal in northern Karnataka.
3. 1991-92 Excavations of a Megalithic habitation site at Bhagimohri in Maharashtra.
4. 1991-92 Participated in Upper Palaeolithic excavations at Mehtakheri in Central Narmda region in Madhya Pradesh.
5. 1992-93 and 1996-97 Participated in the excavations of a Harappan site at Padri in Gujarat.
6. 1996-97 Excavations of a large Harappan site at Dholavira in Gujarat.
7. 1993-2000 Excavations of a Chalcolithic site at Balathal belonging to Ahar Culture for seven consecutive seasons.
8. 2002. Participated in excavation at Gilund and exploration of Mesolithic sites around.
9. 2004. Iswal excavation was attended.

#### **E 1.4 Worked at Director/ field Director of Archaeological Excavation/Exploraiton**

10. 2002-03 Iswal Excavation (an iron age smelting site near Udaipur)
11. 2005-06 Kanmer Excavation, (Harappan site in Kachchh) Indo- Japanese
12. 2006-07 Kanmer Excavation, (Harappan site in Kachchh) Indo- Japanese
13. 2007-08 Kanmer Excavation, (Harappan site in Kachchh) Indo- Japanese
14. 2008-09 Kanmer Excavation, (Harappan site in Kachchh) Indo- Japanese
15. 2009-10 Exploration in Jaisalmer district, Indo-Japanese.
16. 2011-12 Exploation in Dungarpur and Banswara districts
17. 2013-2016: DIRECTOR, EXCAVATION AT CHANDRAVATI, ABU ROAD

#### **F. Seminars/ Conferences:**

##### **ORGANISED (National)**

1. National conference on History of Indian Science and Technology between 12<sup>th</sup> and 14<sup>th</sup> January, 2011 at Udaipur. Organised jointly by Institute of Rajasthan Studies and Vigyan Samiti, Udaipur. It was funded by ICHR and the Infinity Foundation of USA. It was inaugurated by Director Journal, Archaeological Survey of India and Chaired by D.P. Agrawal.
2. National Conference on History of traditional Storage technology. Supported by ICHR, New Delhi. 27<sup>th</sup> and 28<sup>th</sup> October, 2013.

##### **Participated**

1. The Iron Age of Rajasthan, paper presented in the seminar on *Source Material of the Early History of Rajasthan*, sponsored by Indian Council for Historical Research, held at Rajasthan Vidyapeeth, Udaipur in October 1995.
2. Iron Age Pottery at Balathal, paper presented in *Annual Conference of Indian Society for Prehistoric and Quaternary Studies*, held at Gorakhpur University, Uttar Pradesh 1996.
3. Development of Early Farming Cultures in Mewar with Special Reference to Balathal excavations, paper presented in *Annual Conference of Rock Art Society of India*, held at Kotputali, Rajasthan 23 to 25<sup>th</sup> October, 1997.
4. The Archaeology of Uttarakhand, paper presented in *Annual Conference of Indian Society for Prehistoric and Quaternary Studies*, held at H.N.B. Garhwal University, Srinagar, Uttar Pradesh, 1997.
5. A Preliminary Archaeological Survey of Kumbhalgarh, paper presented in *Annual Conference on Maharana Kumbha*, held at Kumbha Sangeet Parishad, Udaipur, 1998.

6. Active participation in *A Seminar on Different Streams of Freedom Movement in Rajasthan*, Sponsored by Indian Council for Historical Research and held at Rajasthan Vidyapeeth, Udaipur, 9<sup>th</sup> and 10<sup>th</sup> March, 1999.
7. Jodhpura-Ganeshwar Complex, Meluhha and Sociology of Metallurgy, paper presented in *XXXIII Annual Conference of Indian Society for Prehistoric and Quaternary Studies*, held at Deccan College, Pune 27<sup>th</sup> to 30<sup>th</sup> December, 1999.
8. Fresh Light on Sibi coins from Nagari, paper presented in the Seminar on the *Source Material of Early History of Rajasthan and Northern India*, Sponsored by Indian Council for Historical Research, held at Rajasthan Vidyapeeth on 10<sup>th</sup> to 12<sup>th</sup> August, 2000.
9. Archaeometallurgical explorations in North Rajasthan. Paper presented in the National conference organised by Rajasthan Vidyapeeth, Udaipur 9 to 11 July, 2002, sponsored by ICHR and West Zone Culture Centre, Udaipur.
10. Traditional Knowledge, Rituals and Rice Cultivation with Special Reference to Central Himalaya. Paper presented in a National Seminar on *Traditional Knowledge System, held between 4<sup>th</sup> and 8<sup>th</sup> September, 2002, Binsar, Uttaranchal*. Organised by Lok Vigyan Kendra, Almora, INHERE, Mashri and Sponsored by Infinity Foundation, Princeton, USA and ICHR, Delhi.
11. Balathal: the Oldest Village of Mewar, Paper presented at the national conference on *Personality of Village* at Kanore College, Udaipur, sponsored by Indian Council for Historical Research, Delhi, from 27<sup>th</sup> and 28<sup>th</sup> February, 2003.
12. Archaeological Excavations in Mewar. Paper presented in a seminar titled *Ancient Cultures in Mewar* by B.N. College, Udaipur on the occasion of Hirak Jayanti on 18-20<sup>th</sup> December, 2003.
13. Paper titled *Zawar: the oldest industry of zinc in the world* presented in annual meeting of History of Science and Technology at Banaras Hindu University, Banaras held 23 to 26<sup>th</sup> January, 2007.
14. Participated Seminar on International Indo-US Technology Conference, organised by M.S. University, Baroda from 16 to 20<sup>th</sup> March, 2007
15. Archaeological Record of textile, paper presented in Annual Conference of Rajasthan History Congress, Bikaner 30-31 March, 2008.
16. Rice Cultivation in Central Himalaya, agricultural rites and rituals, Paper presented in Traditional knowledge System in Himalayan Region, 2-5<sup>th</sup> July, 2009, Almora, Uttaranchal.
17. Treasury at Zawar. Paper presented at a National conference on Thikana Records organised at Maharana Pratap College, Bhinder 18<sup>th</sup> and 19<sup>th</sup> September, 2010.
18. Chaired an academic session on the occasion of a seminar on Diver Vijay in Maharana Pratap Smarak Samiti, Udaipur 24<sup>th</sup> October, 2010.
19. Local Knowledge and the Harappans at Kanmer, Paper presented in the National Seminar on History of Science and Technology at Udaipur, 12-14<sup>th</sup> January, 2011.
20. Harappans at Kanmer. Paper presented in the National Conference organised by Deptt of History, M.L. Sukhadia University, Udaipur from 1<sup>st</sup> to 3<sup>rd</sup> December, 2011.

21. Kanmer: A Harappan site in Kachchh, paper presented in a National Seminar on Source material of cultural history of India through ages by Shri Natnagar Sodh Sansthan, Sitamau, Madhya Pradesh from 26 to 28<sup>th</sup> December, 2011.
22. Ancient Water management, Paper presented in a National Seminar on Vedesu Vigyanam by Inst. Of Rajasthan Studies, JRN Rajasthan Vidyapeeth, Udaipur from 15<sup>th</sup> to 17<sup>th</sup> October, 2011.
23. Ahar Culture and Contemporary Environment, paper presented on Situation of Environmental Policy before Freedom. Seminar organised by Pratap Sodh Pratisthan from 21 to 22
24. Results of First phase of excavations at Kanmer, a Harappan site in Kachchh, Gujarat. Paper presented in the National Seminar on Gujarat Harappans. Deccan College, Pune from 22<sup>nd</sup> to 25 March, 12
25. Zinc Production in Ancient India. Paper presented in the Regional Science Congress, MS University, Badodara, 15<sup>th</sup> and 16<sup>th</sup> September, 2012.
26. 2016, September 16 to 18. Rock Art in Southern Rajasthan. Paper presented in Indian Institute of Science Education and Research, Mohali
27. 2017. 24-25 Feb. Chandravati Excavation. Paper presented national conference on Social, Cultural and Economic Situation of Rajasthan between 7<sup>th</sup> and 18<sup>th</sup> century. Organised by Marubhumi Sodh Sansthan, Bikaner.
28. 2017, 21<sup>st</sup> January. Ancient Metal Making in Rajasthan. Paper presented in a conference on *Issues and Challenges in overall development of Tribal areas*. Govt. PG. College Pratapgarh.
29. 2018, 15 and 16<sup>th</sup> Feb. Freedom Movement and Archaeology. Paper presented in national seminar on "From Quit India to New India: History and Society" organised by deptt of History, MLSU.
30. 2018, 19-20 January. Kanmer: a Harappan settlement in Kachchh. Paper presented in a national conference on Indian History Writing: Present Scenario and Prospects. Organised by department of History, Rajasthan University, Jaipur and Bhartiya Itihas Sankalan Samiti
31. 2018. Zawar the oldest zinc production center. Paper presented in the seminar on "Indigenous Knowledge systems: A multidisciplinary exploration -returning to the roots" organised by Jyoti Nivas College Autonomous, Bengaluru.
32. 2018, 30<sup>th</sup> Nov. to 4<sup>th</sup> December, Workshop attended and conducted on Stone Age Lithic technology with expertise like Shanti Pappu and Kumar Akhilesh. Organised by Sahitya Sansthan and History department, MLSU.
33. 2018, 11 to 17<sup>th</sup> January. Participated National workshop on Ancient Script. Organised by Sahitya Sansthan, JRN Rajasthan Vidyapeeth, Udaipur.

34. 2019. 19<sup>th</sup> to 25<sup>th</sup> November. Participated and conducted National Workshop on Dimension of Iconography. Organised jointly by ASI, History department of MLSU, Udgam trust and Sahitya Sansthan.
35. 2019, 25<sup>th</sup> and 26<sup>th</sup> July, Role of rural folks in the urbanisation of the Harappans. Paper presented in the national seminar on Contribution of Village Communities to Urban Development- A study in historical perspective through ages” organised by Mahila PG Mahavidyalaya, Jodhpur.
36. 2019, 10-12 July. Madaria: a medieval settlement. Paper presented in the national seminar on Rana Kumbha: Vyaktitva and Krititva. Organised by JRN Rajasthan Vidyapeeth, Udaipur
37. 2019. Ved Gyan Saptaha, seminar participated between 8<sup>th</sup> and 14<sup>th</sup> August, 2019, jointly organised by Sahitya Sansthan and Maharshi Sandipani Rastriya Ved vidya Partisthan, Ujjain.
38. 2019, 1<sup>st</sup> and 2<sup>nd</sup> February. Excavation at Chandravati, Paper presented at national conference on “History and Cultural Heritage of Chandravati”. Organised by SP College, Sirohi, Rajasthan.
39. 2019, 5<sup>th</sup> to 8<sup>th</sup> July. Paper titled “Rajasthan ka puratattva” paper presented in Adaval Mahotsava, Sahitya Academy Udaipur.
40. The Archaeology of Chavand. Paper presented in the conference organised by Rajasthan Archaeology & Epigraphy Congress, Bikaner on 8<sup>th</sup> and 9<sup>th</sup> February, 2020.
41. 2021, 3<sup>rd</sup> and 4<sup>th</sup> September. 35<sup>th</sup> session of Rajasthan History Congress, MLV Shramjivi College, Udaipur. Paper titled Rock Art of South Rajasthan.
42. Saharkot (Udaipur) ki Garhiyon ka Puratatvik Sarvekshan. Paper presented in 36<sup>th</sup> Session of Rajasthan History Congress at Jodhpur on 26 and 27<sup>th</sup> February, 2022.
43. Excavation at Chandravati: Some observations. Paper presented on 12<sup>th</sup> March, 2022 in the National Seminar on Monuments & Archival Wealth of Rajasthan in Indian Society and Culture, by Deptt of History, JNV University, Jodhpur.
44. Zavar. Paper presented in the national Seminar organised by Eklavya University and Bharatiya Itihas Sankalan samiti, at Damoh (MP) 5<sup>th</sup> and 6<sup>th</sup> August, 2023

#### **F 1.2 INTERNATIONAL SEMINARS:**

## Organised

1. An International conference on Gujarat Harappans and Rural Chalcolithic folks was organised at Bhuj between 28<sup>th</sup> and 31<sup>st</sup> January, 2010. It was termed as Bhuj Round Table 2010. It was participated by scholars from India, Europe, USA and Japan.

## Participated:

1. **Active participation** in World Archaeological Congress-3 held at Delhi from 4<sup>th</sup> to 11<sup>th</sup> December, 1994.
2. Bronze Age cultures in Rajasthan, paper presented in the *Indo-French international Seminar on Scientific Analysis of Art and Archaeological Objects*, 15<sup>th</sup> December, 2000, New Delhi, India.
3. Archaeometallurgy in Rajasthan, paper presented in the *International Seminar on Asian Bronze Age Cultres*, held at Peking University, Beijing, China 23 to 28<sup>th</sup> February, 2001.
4. 2002 Cord Impressed Ware and Rice Cultivation in different regions of Asia, paper presented in *Environmental Changes and Rise and Fall of Civilizations* 5<sup>th</sup> to 9<sup>th</sup> November, Mikata, (Japan).
5. 2002. Early Farming Cultures and their metal technology in Western India. Paper presented in the *Annual meeting of International Research Center for Japanese Studies, Kyoto* (Japan) 2002, March 13<sup>th</sup>.
6. 2004. Indus Civilization: an overview. Paper presented on 12<sup>th</sup> June in Research Institute for Humanity and Nature, Kyoto, Japan.
7. 2005. Zinc Production in Ancient India. Book under preparation was presented in IIT Kanpur in the Annual Meeting of History of Science and Technology (14<sup>th</sup> to 17<sup>th</sup> December).
8. 2005. Participated as convenor in 7<sup>th</sup> Harvard-Kyoto Round Table International Seminar on Ethnogenesis of Central and South Asia; between June 8<sup>th</sup> and 11<sup>th</sup>, 2005.
9. 2006. Participated in first International Conference of *Society for South Asian Archaeology*, held in Mumbai University 16<sup>th</sup> – 18<sup>th</sup> December. Paper titled *Excavation at Kanmer a preliminary report* was presented.
10. 2006. Cist Burials in Central Asia and Central Himalaya, Paper presented in the International Conference on 15<sup>th</sup> Independence day celebrations of Turkmenistan 14<sup>th</sup> to 20<sup>th</sup> November.
11. 2007 (July) Excavation at Kanmer; preliminary results. Paper presented in the 19<sup>th</sup> *Annual Conference of European Association of South Asian Archaeology at Ravenna, Italy*.
12. 2007 Participated in Indo-US workshop on GIS and GPS application in archaeology held at M.S. University, Baroda 16 to 20<sup>th</sup> March.
13. 2008. Three season's digging at Kanmer, paper presented in the 2<sup>nd</sup> annual meeting of Society of South Asian Archaeology, in Shiraz, Iran 23 to 30 May, 2008.
14. 2009. Kanmer: a unique Harappan site in Kachchh, Gujarat, India. Paper presented in 7<sup>th</sup> Harvard Round Table Meeting and Annual meeting of Indus Project, 27<sup>th</sup> to 30<sup>th</sup> June, 2009, Research Institute for Humanity and Nature, Kyoto, Japan.

15. 2010. Excavations at Kanmer. Paper presented in Bhuj Round table on Gujarat Harappans and Chalcolithic Cultures. Organised by Kanmer Excavation Team and sponsored by Research Institute for Humanity and Nature, Kyoto. 28<sup>th</sup> to 31<sup>st</sup> January, 2010.
16. 2010. Kanmer: A multicultural site in Kachchh, Gujarat, India. Paper presented in 20<sup>th</sup> International Conference of European Association of South Asian Archaeology, Austria 4<sup>th</sup> to 10<sup>th</sup> July.
17. 2010. Results of first phase excavation at Kanmer, a Harappan site in Gujarat. Paper presented in International Seminar on Harappan Civilization in Research Institute for Humanity and Nature, Kyoto, Japan 27<sup>th</sup> to 29<sup>th</sup> August, 2010.
18. Was Kanmer a center of Resource Management? Paper to be presented in the seminar on Harappan Civilization in Research Center for Humanity and Nature, Kyoto on 7<sup>th</sup> and 8<sup>th</sup> August, 2011.
19. Workshop on Future of the Past, organised by Tata Institute of Fundamental Research, Mumbai and Manipal University, Manglore from 21 to 26<sup>th</sup> December, 2011.
20. Results of first phase of excavation at Kanmer, Kachchh, Gujarat. Paper presented in the International Conference of European Association of South Asian Archaeology, Paris 2<sup>nd</sup> to 6<sup>th</sup> July, 2012.
21. 2016, 9<sup>th</sup> to 11<sup>th</sup> January, Paper titled " Non formal means of survival" presented in International Conference on Ancient Science & Technology: Retrospection & Aspiration, organised by Deccan College, Pune
22. 2016, 9<sup>th</sup> to 11<sup>th</sup> January, Paper titled " Ancient Technology" presented in International Conference on Ancient Science & Technology: Retrospection & Aspiration, organised by Deccan College, Pune
23. 2017, 16<sup>th</sup> to 19<sup>th</sup> January, Excavation at Chandravati, paper presented in an international seminar on Field Archaeology, organised by Department of Archaeology, University of Kerla.
24. 2018, 16 to 18<sup>th</sup> March. Kanmer: An administrative and Trade center in Kachchh. Paper presented in 6<sup>th</sup> International Congress of Society of South Asian Archaeology, Indian Museum, Kolkata.
25. 2018. 12 to 14<sup>th</sup> March. Paper titled "Burials in Central Himalaya" presented in an international conference on Salvage Archaeology and Recent Researches on the Megalithic Cultures of South India. Organised by Commissionerate of Archaeology and Museums, Andhra Pradesh and Deccan College, Pune
26. 2018. 12 to 14<sup>th</sup> March. Paper titled "Excavation at Chandravati" presented in an international conference on Salvage Archaeology and Recent Researches on the Megalithic Cultures of South India. Organised by Commissionerate of Archaeology and Museums, Andhra Pradesh and Deccan College, Pune.
27. 2018, 6<sup>th</sup> to 9<sup>th</sup> February. Paper presented on Kanmer: A Harappan trade Center. In an International Conference on Maritime Archaeology with Special Reference

to Indian Ocean Countries and 10<sup>th</sup> Biannual Conference of Society for Marine Archaeology, NIO, Goa; Organised by University of Kerala

28. 2019. Excavation at Chandravati. Paper presented in an international conference on New Trends in Museological and Historical Research, organised by Center for Museology and Conservation University of Rajasthan, Jaipur.

29. The Harappan fort at Kanmer, Gujarat. Paper presented in International Webinar on Indus Civilization 16 to 19<sup>th</sup> March, 2021 organised by Department of Archaeology, University of Kerala

### G. Teaching:

1. Teaching Indian Archaeology at Post graduate standards in Rajasthan Vidyapeeth, Udaipur since July 1994.

### H. Extension Lectures as Resource Person

1. 20<sup>th</sup> November, 1996 Excavation of a Chalcolithic site at Balathal in Aravalis, Sponsored by *G.B. Pant Government Museum, Almora, Uttarakhand.*
2. 10<sup>th</sup> April, 1998. Methods of Archaeological Exploration and Data Collection, delivered in the workshop of Senior Teachers at L.M.T. College, Dabok, Rajasthan Vidyapeeth, Udaipur.
- 3.
4. 26<sup>th</sup> April, 1998, Salient Features of Ahar Culture, *Institute of Rajasthan Studies, Rajasthan Vidyapeeth, Udaipur, Rajasthan.*
5. 22<sup>nd</sup> March 1999. Achievements of the Excavations at Balathal, *M.L.V. Shramjivi College, Udaipur.*
6. 27<sup>th</sup> March, 1999 Early Farming Cultures of Southern Rajasthan, Department of History, *M.L.V. Shramjivi College, Udaipur.*
7. 1<sup>st</sup> June, 1999. Bronze Age Cultures of Rajasthan, Sponsored by *PAHAR, at Nainital.*
8. 23<sup>rd</sup> June, 2000. Archaeological Sources for Writing History, paper presented in the workshop of schools lecturer's workshop, Vidya Bhawan, Udaipur.
9. 7<sup>th</sup> June, 2000. Aravallis: Source of metal for Harappans, paper presented in the Institute of Rajasthan Studies, Rajasthan Vidyapeeth, Udaipur.
10. 9<sup>th</sup> September, 2000 The Archaeology of South Rajasthan, lecture delivered in the workshop at LMTT College Dabok, Rajasthan Vidyapeeth, Udaipur.
11. 27<sup>th</sup> September, 2002. First Farmers of Rajasthan. Paper presented in the Dept. of History, J.N. Vyas University, Jodhpur.
12. 23<sup>rd</sup> September, 2002. Bronze Age Cultures of South Asia. Delivered at Academic Staff College, J.N. Vyas University, Jodhpur.

13. 20<sup>th</sup> January, 2003. Role of Geology in Archaeology. Delivered in the Department of Geology, M.L. Sukhadia University, Udaipur (for participants of Refresher Course in Geology).
14. 20<sup>th</sup> January, 2003. Recent Advances in the Archaeological Studies in Rajasthan. Delivered in the Department of Geology, M.L. Sukhadia University, Udaipur (for participants of Refresher Course in Geology).
15. 28<sup>th</sup> August, 2003. Archaeological Excavations in Southern Rajasthan. Delivered in Department of Archaeology, Rajasthan Vidyapeeth University, Udaipur in Refresher Course in History and Archaeology.
16. 6<sup>th</sup> October, 2003. Recent Advances in Rock Art Research in India. Delivered in Department of Drawing and Painting, M.L. Sukhadia University, Udaipur in Refresher Course.
17. 15<sup>th</sup> December, 2005. Archaeometallurgical Studies in India. Lecture delivered in the Institute of Archaeology, Archaeological Survey of India, New Delhi.
18. 23<sup>rd</sup> June, 2012. Archaeological Research and History of Science and Technology. Lecture delivered in the coarse work for Research scholars in JRN Rajasthan Vidyapeeth, Udaipur.
19. 22<sup>nd</sup> August, 2012. Heritage and conservation. Pubic lecture delivered at Centre for Cultural Resource Management, Udaipur.
20. 13<sup>th</sup> Sept. 2012. Traditional Knowledge and its conservation. Public lecture delivered at Centre for Cultural Resource Management, Udaipur.
21. 2018, Sept. 4. Delivered a lecture on *Rock Art in South Asia* in a National Workshop on Indigenous Wall Painting Technique. Organised by Banasthali Vidyapeeth and MHRD
22. 4<sup>th</sup> May, 2020. Zawar, the oldest zinc smelting center. Sharma Center, Chennai
  
23. 15<sup>th</sup> July, 20 Chalcolithic Culture. Pt. D.U. Inst. Of Archaeology, Archaeological Survey of India, Noida
  
24. 16<sup>th</sup> July, 20 The Ganeshwar and Ahar Culture (rural folks) Pt. D.U. Inst. Of Archaeology, Archaeological Survey of India, Noida
  
25. 17<sup>th</sup> July, 20 Central Indian Chalcolithic cultures Pt. D.U. Inst. Of Archaeology, Archaeological Survey of India, Noida
  
26. 20<sup>th</sup> July, 20 Early Agricultural Zones of the world. Pt. D.U. Inst. Of Archaeology, Archaeological Survey of India, Noida.
  
27. August, 2020 Mewad Atit se bartmaan tak. Bharatiya Itihas Sankalan Samiti, Chittor Prant, Udaipur.

28. **11<sup>th</sup> September, 2020. Role of Archaeology in cultural heritage conservation.** Lecture organised by Center for Cultural Resources and Training Center, Udaipur.
29. 9<sup>th</sup> March, 2021 Paper presented on Documentation of Tangible Heritage. In the National Workshop jointly organised by Dept of History, MLSU and Sahitya Sansthan.
30. **5<sup>th</sup> January 2021.** The Mighty Harappans. Lecture organised by Archaeology and Epigraphy Society, Bikaner, Rajasthan.
31. 17<sup>th</sup> January, 2021. The Archaeological Heritage of the Aravallis. Organised by Adaval (an organisation dedicated to the land and people of Rajasthan) (interviewed by Shivdan Singh Jolavas, Udaipur, Hanumant Singh Rajpurohit, London).
32. 18<sup>th</sup> January 2021. 100 years of Harappa, a magnificent journey. Organised by center for museology and conservation, University of Rajasthan, Jaipur
33. 8<sup>th</sup> March, 21. One hundred years of Harappa Civilization, Deptt of History BSR Govt Arts college, Alwar (Rajasthan) In association with Archaeological Survey of India, Jaipur circle, Jaipur.
34. 18<sup>th</sup> April, 2021: Zawar: the older zinc production center. Heritage Society, Bihar (on line) (<https://youtu.be/xk6SnUZ0h0>)
35. 14<sup>th</sup> June, 21. Metal making in the Aravallis with spl ref. To Zinc. ICHR, Pune

#### **J. Honours and Achievements**

1. *Honoured by the Ministry of Sports, Culture and Youth, Govt. of Gujarat* on the occasion of Dusshera Festival in 2005.
2. *Honoured by Dainik Bhaskar and Bajaj Group of Industries* on the occasion of Teachers Day on 5<sup>th</sup> September, 2006.
3. *Honoured by Pratap Smarak Samiti 24<sup>th</sup> October, 2010, Udaipur*
4. **Fellowship: Japan Society for Promotion of Science: Invited** as Visiting Fellow (January 2001 to April 2002) at the International Research Center for Japanese Studies, Kyoto, Japan.
5. **Visiting Professor** in Research Institute for Humanity and Nature, Kyoto, Japan from May 10<sup>th</sup> 2004 to 9<sup>th</sup> May 2005.
6. **23<sup>rd</sup> June Chaired an academic session (Exploring Material culture: Lithic, Ceramic and More) of Archaeology from Home Connecting Things and Thoughts, Sharma Heritage Center, Chennai.**
7. 2025. Member of LOCF committee of University Grants Commission.

**K. Countries Visited for participation in seminar/ conferences/ research meetings:**

1. Japan, China, Iran, Turkmenistan, Austria, Vietnam, Italy, Hungary, Germany  
Austria, Switzerland.

**L. Life Member of Academic Societies:**

1. Executive member of Indian Society for Prehistoric and Quaternary Studies, Pune.
2. Executive member of book series on History of Indian Science and Technology, Shimla
3. Life member of Indian Archaeological Society, Delhi.
4. Life member of Indian Rock Art Society, Delhi.
5. Executive member of PAHAR, Nainital.
6. Member of Indo-Pacific Prehistory Association, Australia.
7. Member of Alumni association of International Research Center for Japanese Studies, Kyoto, Japan.
8. Life member of Society for South Asian Archaeology, Pune
9. Member of European Association for South Asian Archaeology.

**Executive member of academic societies:**

1. Indian Prehistoric and Quaternary Society, Pune
2. Peoples Association for Himalayan Area Research, Nainital.
3. Core member of Indus Project, Research Institute for Humanity and Nature, Kyoto, Japan.

Classes for ASI:

1<sup>st</sup> and 2<sup>ns</sup> Novmber,2019 Taught class in Pt. DUIA, Noida Delhi: Archaeometallurgy

Honour: Nominated first President of Rajasthan Epigraphy and Archaeology, Society, Bikaner 2019.

Honoured by Indian National Trust for Art and Cultural Heritage (INTACH) Mewar regional Chapter, Udaipur on 23. 12. 2016

Honoured by Vishwa Sanskrit Pratishthanm, Jaipuram on 27<sup>th</sup> March 2022.

Invited as chief guest by Jyoti Nivas College for a national conference on Indigenous Knowledge Systems: A multi disciplinary exploration- returning to the roots" on 4<sup>th</sup> September 2018.

2017, 16<sup>th</sup> to 19<sup>th</sup> January, Chaired a session on Historical Archaeology in an international seminar on Field Archaeology, organised by Department of Archaeology, University of Kerala.

2018, 6<sup>th</sup> to 9<sup>th</sup> February. Chaired a session on Maritime Activity during Late Medieval Times in an International Conference on Maritime Archaeology with Special Reference to Indian Ocean Countries and 10<sup>th</sup> Biannual Conference of Society for Marine Archaeology, NIO, Goa.

2018. 12 to 14<sup>th</sup> March. Chaired a session on Scientific Studies and Technologies during Early Iron Age Megalithic Traditions. In an international conference on Salvage Archaeology and Recent Researches on the Megalithic Cultures of South India. Organised by Commissionerate of Archaeology and Museums, Vijaywada, Andhra Pradesh and Deccan College, Pune

2018, 19-20 January. Chaired a technical session of Indian History Writing: Present Scenario and Prospects. National seminar organised by department of History, Rajasthan University, Jaipur and Bhartiya Itihas Sankalan Samiti

2019, 10-12 July. Chaired academic session of a national seminar on Rana Kumbha: Vyaktitva and Krititva. Organised by JRN Rajasthan Vidyapeeth, Udaipur

2020. 10<sup>th</sup> February to 10<sup>th</sup> March. Invited as guest faculty at Centre of Asian Studies, The University of Kashmir, Srinagar.