

# Sumit Sharma

Research Scholar, Sanskrit Computational Linguistics

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## EDUCATION:

**Post-Graduation** MA Sanskrit, 2017-2019, Zakir Hussain Delhi College, University of Delhi, Delhi, First division 83.4%

**Graduation** - Shastri (Vyakarana), 2014-2017, Shri Lal Bhadur Shastri National Sanskrit University First Division 80.7%

## RESEARCH INTEREST:

Natural Language Processing, Computational Linguistics  
Indian theory of knowledge and computational Sanskrit  
Computational grammar and lexicography  
Machine Translation  
E-corpora building  
Panini Grammar and Linguistics  
E-learning

## PUBLICATIONS IN NATIONAL/ INTERNATIONAL JOURNALS

1. Sharma, Sumit, and Chandra Subhash. (2022). Online Access of Derivational Process of Kṛdanta based on Pāṇinian Framework. Journal of Xi'an University of Architecture & Technology, Vol. 14, No. 8: 2022, ISSN 1006-7930, pp.- 68-73. URL: <https://app.box.com/s/g5czvoiwtt3hultd44g4txp0nkjzeyy>, DOI: <https://doi.org/10.37896/JXAT14.08/315607>, UGC-CARE LISTED & SCOPUS: <https://www.scopus.com/sourceid/37099>.
2. Sharma, Sumit and Chandra Subhash. (2022). संस्कृत-कृदन्त शिक्षण हेतु पाणिनीय नियमाधारित व्युत्पत्ति प्रक्रिया के लिए ऑनलाइन सिस्टम. विज्ञान प्रकाश Research Journal of Science and Technology, Vol. 20, No. 1: 2022, ISSN 1549-523-X, pp.-28-40. URL: <https://www.vigyanprakash.in/index.php>, UGC-CARE LISTED.
3. Sharma, Sumit, and Chandra Subhash. (2021). कृदन्त विश्लेषक एवं ससूत्ररूपसिद्धि सिस्टम का विकास. Research Review International Journal of Multidisciplinary (RRIJM),

2455:3085 (Online), Volume 06, Issue 11, November 2021, pp.39-46. Impact Factor: 5.214., UGC Listed: UGC Journal No. 44945. DOI: <https://doi.org/10.31305/rrijm.2021.v06.i11.007>.

## CHAPTER IN BOOK/ CONFERENCE PROCEEDINGS

1. Sharma Sumit and Chandra Subhash. (2022). Web-based System for Derivational Process of Kṛdanta based on Pāṇinian Grammatical Tradition. In Girish Nath Jha, Sobha L, Kalika Bali and Atul Kr. Ojha (Eds.), Proceedings of the 6th Workshop on Indian Language Data: Resources and Evaluation (WILDRE-6 2022), LREC 2022 Workshop Language Resources and Evaluation Conference 20-25 June 2022, Marseille, France: European Language Resources Association (ELRA), ISBN: 979-10-95546-87-0, (pp.80-83).
2. An Abstract entitled उच्चशिक्षा में स्नातकोत्तरस्तरीय संस्कृतशिक्षण हेतु कृदन्तरूपसिद्धि के लिए ऑनलाइन शिक्षण सहायक टूल published in National Seminar on the Impact of Online Teaching-Learning on the Quality of Higher Education in India, Sponsored by Department of Higher Education, Government Of Uttar Pradesh and Organized by Department of Political Science, Gautam Buddha Government Degree College, Ayodhya (UP), March 27-28 2022.
3. An Abstract entitled संस्कृत भाषा एवं व्याकरण से संबंधित संगणकीय-भाषावैज्ञानिक शोधकार्यों का सर्वेक्षण published in ISC on Sanskrit studies across the world, Department of Sanskrit, Maitrayi College, University of Delhi, New Delhi, March 01-02 2022.

## PRESENTATION:

1. संस्कृतकृदन्त शिक्षण हेतु ऑनलाइन ससूत्ररूपसिद्धि सिस्टम का विकास. in National Seminar on Problems and Usage of Computer in Sanskrit Teaching, Organized by Ranbir Campus, Rashtriya Sanskrit Sansthan, Jammu during March 18-20, 2020.
2. संस्कृत भाषा एवं व्याकरण से संबंधित संगणकीय-भाषावैज्ञानिक शोधकार्यों का सर्वेक्षण. in Second International Sanskrit Conference on Sanskrit Studies Across the World, Organized by the Department of Sanskrit, Maitreyi College (DU) in collaboration with School of Indic Studies, USA, Department of Sanskrit, Ram Bachan Singh Govt. Girls Degree College (UP) and Department of Sanskrit, S.G.G.S.J.M. Govt. Degree College (UP). during March 01-02, 2022.
3. उच्चशिक्षा में स्नातकोत्तरस्तरीय संस्कृतशिक्षण हेतु कृदन्तरूपसिद्धि के लिए ऑनलाइन शिक्षण सहायक टूल. in National Seminar on The Impact of Online Teaching-learning on the Quality of Higher Education in India, Organized by Gautam Buddha Government Degree College, Ayodhya, U.P. during March 27-28, 2022.

## WORKSHOP/SEMINAR/WEBINAR/CONFERENCE

### ATTENDED/ORGANISED:

1. **Workshop on spoken Sanskrit**, Organized by Sanskrit Bharati, Delhi January 01-14, 2014.
2. **National Seminar on Problems and Usage of Computer in Sanskrit Teaching**, Organized by Ranbir Campus, Rashtriya Sanskrit Sansthan, Jammu during March 18-20, 2020.
3. **International Webinar on The Linguistic and Musical Aspects of Sanskrit Meters**, Organized by Department of Sanskrit, Maitreyi College, University of Delhi on April 27, 2020.
4. **National Webinar on Introduction of Computational Linguistics**, Organized by Department of Sanskrit and Vedic Research Centre, KMV, Jalandhar on May 17, 2020.
5. **National Workshop on Digitalisation & Development of E-Resources for Sanskrit**, Organized by School of Sanskrit & Indic Studies, JNU, and Department of Sanskrit, University of Delhi on May 27- June 27, 2020.
6. **National Webinar on Sanskrit for Computers and Computers for Sanskrit**, Organized by Department of Sanskrit, Bhaskaracharya College of Applied Sciences, University of Delhi on May 29, 2020.
7. **National Workshop on Digitization & Development of E-Resources for Sanskrit**, Organized by School of Sanskrit & Indic Studies, Jawaharlal Nehru University and Department of Sanskrit, University of Delhi during May 27-June 02, 2020.
8. **National Webinar on Computational Linguistics for Sanskrit**, Organized by Department of Sanskrit & IQAC, Motilal Nehru College, University of Delhi on August 14, 2020.
9. **International webinar on Computational Linguistics- Scope and Challenge**, Organized by GMNC, Ambala on February 10, 2021.
10. Works in a **technical team of National Workshop on Computational Resources and Application for Sanskrit**, Organized by Kamala Nehru College, University of Delhi during March 15-30, 2021.
11. Works in a **technical team of National Workshop on IT Skills in Teaching-learning Process**, Organized by Miranda House, University of Delhi during April 01-09, 2021.
12. **National Seminar on Language Resources & Artificial Intelligence in Indian Languages**, Organized by LDC-IL, CIIL, Mysore on June 15, 2021.
13. **National Workshop on Computational Sanskrit & Linguistics**, Organized by Gandhi Memorial National College, Ambala from June 25 to July 09, 2021.

### AWARDS / HONORS (18):

1. **First rank in 33<sup>rd</sup> All India Shri Atma Vallabh Prakrit Learning and Teaching School** on 05<sup>th</sup> June- 03<sup>rd</sup> July 2022.
2. **UGC NET-JRF** cleared in June 2019.
3. **Academic Merit Award from Zakir Hussain Delhi College in M.A. Sanskrit 1st year** on year: 2017-18.
4. **Academic Merit Award from Zakir Hussain Delhi College in M.A. Sanskrit 2nd year** on year: 2018-19.

5. **First prize in Inter College Quiz** from Janaki Devi Memorial College University of Delhi on 8th January 2019.
6. **Second prize in Inter College Quiz** from Hindu College University of Delhi on 26th March 2019.
7. **Third prize in Inter College Quiz** from Indraprastha College for Women University of Delhi on 10th December 2019.
8. **Second prize in Inter College Quiz** from Vivekananda College University of Delhi on 27th February 2019.
9. **Third prize in Inter-college Quiz** from Miranda College University of Delhi on 4th February 2019.
10. **Third prize in Inter-college Quiz** from Motilal Nehru College University of Delhi on 30th January 2019.
11. **Third prize in Inter College Quiz** from Bharti College University of Delhi on 9th April 2018.
12. **Second prize in Inter College Quiz** from Shyama Prasad Mukherjee College University of Delhi on 24th January 2018.
13. **Sanskrit Pratibha Puraskar** from Delhi Sanskrit Academy in 2015-2019.
14. **Sanskrit Scholarship** from Delhi Sanskrit Academy in 2018-2019.