

Arooshi Nigam

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EDUCATION

M.Phil - Development of Concept Mining and Online Indexing System for Manusmṛiti, supervisor: Dr. Subhash Chandra, University of Delhi, New Delhi, January 2021- July 2022.

Post-Graduation MA Sanskrit, 2017-2019, Lady Shriram College, University of Delhi, Delhi, First division 79.75%

Graduation - MA Sanskrit, 2014-2017, Lady Shriram college for women, University of Delhi, First Division 84.73%

RESEARCH INTERESTS

Natural Language Processing, Computational Linguistics
Indian theory of knowledge and computational Sanskrit
Online lexicography
Machine Translation
E-corpora building
Dharmashastras, theological Studies, social institutions and ancient Indian Polity,
Information Extraction,
Data Mining,
Online Indexing,
E-learning

PUBLICATIONS IN NATIONAL/ INTERNATIONAL JOURNALS

1. **Nigam, Arooshi** and Chandra Subhash. (2022). **Digital World of Dharmaśāstric Knowledge Tradition: An Instant Information Retrieval System for Manusmṛiti**. GIS SCIENCE JOURNAL, Vol. 9, No. 8: 2022, ISSN 1869-9391, pp.-00-00. URL: <http://www.gisscience.net/VOLUME-9-ISSUE-8-2022>, UGC-CARE LISTED & SCOPUS: <https://www.scopus.com/sourceid/21100364441>.
2. **Nigam, Arooshi** and Chandra Subhash. (2022). **Designing an Effective Digital Learning Framework for Learning Dharmaśāstric Knowledge Tradition in India**. Journal of Xi'an University of Architecture & Technology, Vol. 14, No. 7: July 2022, ISSN 1006-

7930, pp.-609-617. URL: <https://app.box.com/s/tukvvk2gzj21qolvcdp647g9qkaeswfz>.
Impact Factor: 4.9 DOI: <https://doi.org/10.37896/JXAT14.07/315462>, UGC-CARE LISTED & SCOPUS: <https://www.scopus.com/sourceid/37099>.

3. **Nigam, Arooshi** and Chandra Subhash. (2022). **Environmental Awareness and Protection in Ancient Bharat based on Dharmaśāstric Literature**. Zeichen Journal, Volume 8 Issue 3, ISSN 0932-4747, pp.- 354-366. URL: <http://www.ezeichen.com/gallery/2480.pdf>, UGC-CARE LISTED & SCOPUS
4. **Nigam, Arooshi** and Chandra Subhash. (2022). मनुस्मृति में मानवीय स्वास्थ्य चिन्तन एवं प्रबन्धन. Shodhsamhita: Journal of Fundamental & Comparative Research, Vol. VIII, No. 1(X): 2022, ISSN 2277-7067, pp.-50-56. UGC-CARE LISTED
5. **Nigam, Arooshi** and Chandra Subhash. (2022). **Digitization and Instant Reference System for Dharmaśāstric Knowledge Tradition**. Language in India, ISSN 1930-2940, Volume 22:02, pp.-66-72. URL: <http://languageinindia.com/feb2022/arooshidigitizationdharma textsfinal.pdf>
6. **Nigam Arooshi** and Chandra Subhash. (2021). धर्मशास्त्रीय ज्ञान परम्परा का डिजिटलीकरण एवं ऑनलाइन खोज तन्त्र का विकास. Research Review International Journal of Multidisciplinary (RRIJM), 2455:3085 (Online), Volume 06, Issue 08, August 2021, pp.53-58. Impact Factor: 5.214., UGC Listed: UGC Journal No. 44945. DOI: <https://doi.org/10.31305/rrijm.2021.v06.i08.010>.

CHAPTER IN BOOK/ CONFERENCE PROCEEDINGS

1. Abstract: **Perspective of Dharmaśāstras in Scientific World** in ISC on sanskrit studies across the world, Department of Sanskrit, Maitrayi College, University of Delhi, New Delhi, 2022
2. 25th International Vedanta Congress, Center for Indic Studies at University of Massachusetts and JNU (accepted for publication): **Digital Access and Online Search for Dharmaśāstric Key Texts of Indian Intellectual Tradition**
3. **Arooshi Nigam** and Chandra Subhash. (2022). **Digital Accessibility and Information Mining of Dharmaśāstric Knowledge Traditions**. 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.42-47).

PAPER OR POSTER PRESENTATION IN NATIONAL/INTERNATIONAL CONFERENCES

1. **Arooshi Nigam and Chandra Subhash. (2022). Digital Accessibility and Information Mining of Dharmasāstric Knowledge Traditions.** 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.42-47).
2. **Creating Digital Platform for Manusmṛti to enhance teaching learning process in higher education”** Presented in *The Online Teaching-Learning on the Quality of Higher Education in India organized by Gautam Buddha Government Degree College, Ayodhya, Uttar Pradesh, Mar 28, 2022.*
3. **The perspective of Dharmashastras in Scientific World”** Presented in *Second International Sanskrit Conference On Sanskrit studies Across the World organized by Department of Sanskrit, Maitreyi College, University of Delhi, New Delhi on Mar 01, 2022.*
4. **Digital Access and Online Search for Dharmashastric Key Texts of Indian Intellectual Tradition”** Presented in *the 25th International Congress of Vedanta, Vedāntic Approach for Health and Education in Modern Times organized by Centre for Indic Studies at University of Massachusetts Dartmouth, Institute of Advanced Sciences, Jawaharlal University, New Delhi on Oct 28, 2021.*
5. **Digitization and Instant Reference System for Dharmashastric Knowledge Tradition”** Presented in *Bharat Manthan organized by Indraprastha Adhyayan Kendra, New Delhi on May 29, 2021.*
6. **Development of Information Extraction System for Manusmṛiti for Instant Reference”** Presented in *the International Webinar, Under the UGC approved NSQF Courses organized by G.M.N College, Ambala on Feb 4, 2021.*

WORKSHOP/SEMINAR/WEBINAR/CONFERENCE ATTENDED/ORGANISED

1. **National Seminar on the Impact of Online Teaching-Learning on the Quality of Higher Education in India:** March 27- 28 2022, Gautam Buddha Government Degree College, UP.
2. **30 Hour online National Level Training Programme on Computational Sanskrit and Linguistics:** Technical Team, 25 June- 09 July 2021, secured grade A+, Under the UGC approved NSQF Courses, G.M.N College, Ambala.

3. **IT Skills in Teaching Learning Process for Sanskrit:** Technical Team, Apr 01- Apr 09 2021, Miranda House College, University of Delhi.
4. **International webinar on Computational Linguistics- Scope and Challenge:** 10 February 2021, GMNC, Ambala.
5. **Computational Resources and Applications for Sanskrit:** Technical Team, Mar 15- Mar 30 2021, Kamla Nehru College, University of Delhi.
6. **E- Webinar on Rashtriya Shiksha Niti- Ek Vimarsh:** August 19 2020, Shiksha Sanskriti Uthan Nyaas and Hansraj College, DU.
7. **E- Webinar on New Education Policy- professor talks:** August 9 2020, Hansraj College, DU.
8. **National Webinar on Rashtriya Shiksha Niti, Bhartiya Bhashayein Evam Anuvaad:** August 5- August 7 2020, Commission for Scientific and Technical Terminology; Ministry of Education (Department of Higher Education) Government of India and Hansraj College, DU.
9. **National Webinar on Expectations and Responsibilities of Youth in Present Time:** June 6 2020, “Tarun Tarang” (youth wing) WAVES and Ram Jaipal College, Bihar.
10. **National Workshop on Digitalisation & Development of E-Resources for sanskrit:** May 27- June 27 2020, School of Sanskrit & Indic Studies, JNU and Department of Sanskrit, University of Delhi.
11. **Crash course on Understanding Sanskrit and Gita chanting:** June 1- June 30 2017, Morarji Desai National Institute of yoga.
12. **National workshop in “Tarksangraha”:** Oct 23 2016, Shyama Prasad Mukherjee college for women, DU.

AWARDS / HONORS (14)

1. **Outstanding Paper Presentation Prize** awarded at the Second International Conference on sanskrit studies across the world, Department of Sanskrit, Maitrayi College, University of Delhi, New Delhi. Paper was titled Perspective of Dharmashastras in Scientific World in the March 2022
2. **SANSKRIT PRATIBHA PURUSKAAR** (Delhi state govt scholarship) awarded for academic excellence for the year 2015-16, 2017-18 and 2019-2020.
3. **N. K. MEHTA PRIZE** awarded by the Principal of the LSR college for meritorious contributions to the college in the year 2016.

4. **SUDHIR BHANDARI AWARD:** I was the first recipient of this award for the best all round performance in the 3YUP by the HoD of the department of Sanskrit at LSR in the year 2017.
5. **SHRI KARAMCHAND PRIZE** awarded for the highest merit in Sanskrit and held University position for the same in the year 2017.
6. **SOUTH CAMPUS (DU) ENDOWMENT SCHOLARSHIP** conferred **twice** consecutively for the year 2018 and 2019.
7. **SHAILI RANI MATHUR PRIZE** awarded for the best student admitted to post graduation programme in the LSR Delhi University in the year 2018
8. **PRINCIPAL PRIZE** awarded for the highest merit In M.A previous in the year 2018
9. **Sanskrit MUN:** 2019, participation, LSR Department competition
10. **Sanskrit Speech Competition:** 2017, 3rd Position, LSR Department competition
11. **Sanskrit Prose Reading Competition:** 2017, 3rd Position, LSR Department Competition
12. **Sanskrit Speech Competition:** 2016, 3rd Position, LSR Department Competition
13. **Sanskrit Prose Reading Competition:** 2016, 3rd Position, LSR Department Competition
14. **Sanskrit Speech Competition:** 2015, 2nd Position, LSR Department Competition