

# Manika Lamba, Ph.D.

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## Employment Experience

- 2023-Present **Postdoctoral Research Associate**, School of Information Sciences, University of Illinois at Urbana-Champaign
- 2022-2023 **Guest Lecturer**, Department of Library & Information Science, School of Open Learning (SOL), University of Delhi
- Course Taught: M-108 Information Storage & Retrieval System; *Hybrid Mode*; 65 students
- [GitHub Repository](#), [Course Website](#)

## Education

- 2019–2023 **PhD in Library and Information Science**, University of Delhi
- Title:* Organization of Electronic Theses and Dissertations in ProQuest Database in the Field of Library and Information Science: A Study
- Supervisor:* Margam Madhusudhan
- 2017–2019 **MPhil in Library and Information Science**, University of Delhi
- Dissertation Title:* Topic Mining and Prediction Modeling of Library and Information Science Theses submitted to Shodhganga from 2013 to 2017
- Supervisor:* Margam Madhusudhan
- 2016–2017 **Master of Library and Information Science**, University of Delhi
- Dissertation Title:* Marketing of Library and Information Products and Services in Selected Medical Libraries in Delhi: A Case Study
- Supervisor:* R.K. Bhatt
- 2015–2016 **Bachelor of Library and Information Science**, University of Delhi
- 2012–2014 **MSc Plant Biotechnology**, TERI School of Advanced Studies
- Dissertation Title:* Analysis of Filaggrin gene variation in different disease phenotypes
- Supervisors:* Pallavi Somvanshi, Archana Singh, Binuja Verma
- 2009–2012 **BSc (H) Biochemistry**, University of Delhi

## Research Interests

My scholarship focuses on the intersections of information retrieval, digital libraries, social informatics, and scholarly communication using NLP and data science methods on digital trace data specifically scientific literature and social media data. Specifically, I want to build better search and recommendation systems as well as identify the trends, and topics in the scientific literature using NLP methods. I have worked extensively with textual data. My work combines qualitative and quantitative methods, including focus groups, survey and field experiments, and computational approaches.

## Publications

### Authored Book

- [1] **Manika Lamba** & Margam Madhusudhan. (2022). Text Mining for Information Professionals: An Uncharted Territory, Springer Nature. <https://doi.org/10.1007/978-3-030-85085-2>
  - [Author's Website for the Book](#)
  - [GitHub Account with Reproducible Research Compendium](#)

### Edited Book

- [1] **Manika Lamba**. (Ed.). (2022). Technological Advancements in Library Service Innovation, IGI Global. <https://doi.org/10.4018/978-1-7998-8942-7>

### Journal Articles

† indicates the student mentored by me for Masters dissertation

- [1] **Manika Lamba**, & Margam Madhusudhan. (2023). Exploring OCR Errors in Full-Text Large Documents: A Study of LIS Theses and Dissertations. Library Philosophy and Practice, 15052. <https://digitalcommons.unl.edu/libphilprac/7824>
- [2] **Manika Lamba**, & Margam Madhusudhan. (2022). Topic Modelling and its Application in Libraries: a review of specialized literature. World Digital Libraries, 15(2), 105–120. DOI: [10.18329/09757597/2022/15207](https://doi.org/10.18329/09757597/2022/15207)
- [3] Carolyn Barnett, Michael Fitzgerald, Katie Krumholz, and **Manika Lamba**. (2022). Gender in the Journals: A Dataset of Gender and Politics Research. PS: Political Science & Politics, 55(3), 511-518. DOI:[10.1017/S1049096522000385](https://doi.org/10.1017/S1049096522000385) (Equal Contribution).

*Research documentation and data that support the findings of this study are openly available at the Harvard Dataverse at <https://doi.org/10.7910/DVN/UVWRTV>.*
- [4] Brady D. Lund, Ting Wang, Amrollah Shamsi, Jamilu Abdullahi, Abosede Awojobi, Dhruva Jyoti Borgohain, Gema Bueno de la Fuente, Gilberto Parra Huerta, Alireza Isfandyari-Moghaddam, Md. Anwarul Islam, Ali Akbar Khasseh, **Manika Lamba**, Endang Fitriyah Mannan, David Manyonga, Boya Nan, Bing Nie, Vasantha Raju N., Ravi Shukla, Nafiz Zaman Shuva, Rafaela Carolina da Silva, Eva Ugarte, Aliyu Olugbenga Yusuf. (2021). Barriers to Scholarly Publishing Among Library and Information Science Researchers: International Perspectives, Information Development. DOI: [10.1177/02666669211052522](https://doi.org/10.1177/02666669211052522)

- [5] **Manika Lamba**, Neha Kashyap<sup>†</sup>, & Margam Madhusudhan. (2021). Research Evaluation of Computer Science Departments: A Cohort Study of Indian Central Universities, *Global Knowledge, Memory and Communication*. DOI: [10.1108/GKMC-07-2020-0097](https://doi.org/10.1108/GKMC-07-2020-0097)
- [6] K.C.Garg, **Manika Lamba**, & Rahul Kumar Singh. (2020). Bibliometric Analysis of papers published during 1992 to 2019 in *DESIDOC Journal of Library and Information Technology*, *DESIDOC Journal of Library and Information Technology*, 40(6), 396-402. DOI:[10.14429/djlit.40.06.15741](https://doi.org/10.14429/djlit.40.06.15741)
- [7] **Manika Lamba**. (2020). Research Productivity of Health Care Policy Faculty: A Cohort Study of Harvard Medical School, *Scientometrics*, 124(1), 107–130. DOI: [10.1007/s11192-020-03433-5](https://doi.org/10.1007/s11192-020-03433-5)
- [8] **Manika Lamba**, & Margam Madhusudhan. (2020). Mapping of ETDs in ProQuest dissertations and theses (PQDT) global database (2014-2018), *Cadernos BAD*, 2019(1), 169–182. DOI: [10.48798/cadernosbad.2034](https://doi.org/10.48798/cadernosbad.2034)
- [9] **Manika Lamba**, & Margam Madhusudhan. (2019). Mapping of Topics in *DESIDOC Journal of Library and Information Technology*, India: a study, *Scientometrics*, 120(2), 477–505. DOI: [10.1007/s11192-019-03137-5](https://doi.org/10.1007/s11192-019-03137-5)
- [10] **Manika Lamba**, & Margam Madhusudhan. (2019). Author-Topic Modeling of *DESIDOC Journal of Library and Information Technology* (2008-2017), India, *Library Philosophy and Practice*, e2593. URL: <https://digitalcommons.unl.edu/libphilprac/2593/>
- [11] **Manika Lamba**, & Margam Madhusudhan. (2019). Metadata Tagging and Prediction Modeling: Case Study of *DESIDOC Journal of Library and Information Technology* (2008-2017), India, *World Digital Libraries*, 12(1), 33–89. DOI: [10.18329/09757597/2019/12103](https://doi.org/10.18329/09757597/2019/12103)
- [12] **Manika Lamba**. (2019). Marketing of academic health libraries 2.0: a case study, *Library Management*, 40(3/4), 155–177. DOI: [10.1108/LM-03-2018-0013](https://doi.org/10.1108/LM-03-2018-0013)
- [13] **Manika Lamba**, & Margam Madhusudhan. (2018). Application of sentiment analysis in libraries to provide temporal information service: a case study on various facets of productivity, *Social Network Analysis and Mining* volume, 8:63. DOI: [10.1007/s13278-018-0541-y](https://doi.org/10.1007/s13278-018-0541-y)

#### Peer-Reviewed Conference Papers

- [1] **Manika Lamba**. (2022). Visualizing the Pace of COVID-19 Research: An Experimental Study of All India Institute of Medical Sciences (AIIMS), New Delhi. In *SIS Annual Convention 2022*, New Delhi, India. [Download](#)
- [2] **Manika Lamba**. (2019). Text Analysis of ETDs in ProQuest Dissertations and Theses (PQDT) Global (2016-2018). In *ICDL2019: Digital Transformation for an Agile Environment*, New Delhi (pp. 734–745). New Delhi, India. [Download](#)
- [3] **Manika Lamba**, & Margam Madhusudhan (2018). Metadata Tagging of Library and Information Science Theses: Shodhganga (2013-2017). In *ETD 2018 Taiwan Beyond the Boundaries of Rims and Oceans: Globalizing Knowledge with ETDs*. Taipei, Taiwan. [Download](#)
- [4] **Manika Lamba**, & R.K. Bhatt (2017). Marketing of LIS Products and Services in Select Medical Libraries of Delhi in Digital Environment: A Comparative Study. In *2nd International Conference of Asian Libraries: Expanding Digital Footprints: Role of Libraries & Information Centers*,

(pp. 179-192). New Delhi, India. [Download](#)

### Book Chapters

- [1] Margam Madhusudhan, & **Manika Lamba**. (2021). Subject librarians and their changing roles. In: Quality Library Services in New Era (pp. 88-96). Guwahati:EBH Publishers. [Download](#)
- [2] **Manika Lamba**, & Margam Madhusudhan. (2019). New Paradigm in Library 2.0: Sentiment Analysis of Twitter. In Emerging Trends for SMART Libraries: A Festschrift in Honour of Professor V.P.Khare in Four Volumes (pp. 195-201). Delhi:Shree Publications, and Distributors. [Download](#)
- [3] **Manika Lamba**. (2019). Marketing of University College of Medical Sciences Library, University of Delhi: a Study. In Innovative Librarianship through ICT Tools and Technology (pp. 1-11). Delhi:Shree Publishers and Distributors. [Download](#)
- [4] **Manika Lamba**, & Margam Madhusudhan. (2018). Application of Topic Mining and Prediction Modeling Tools for Library and Information Science Journals. In Library Practices in Digital Era: Festschrift in Honor of Prof. V Vishwa Mohan (pp. 395-401). Hyderabad:BS Publications. [Download](#)

### Panels

- [1] Devendra Potnis, Bhakti Gala, Vanessa Reyes, **Manika Lamba**, Nosheen Fatima Warraich, Leili Seifi, Paul Jason Perez. (2023). How to Better Engage with ASIS&T Members? Lessons Learned From SIG-III's Activities During the COVID-19 Pandemic. [2023 Mid-Year ASIS&T Conference](#).
- [2] Amara Malik, Syeda Batool, Naresh Agarwal, Anwarul Islam, Prasadi Jayasekara, Reshma Dangol, **Manika Lamba**, Abdul Baseer Mahmood. (2023). D/Misinformation on Social Media and the Role of the LIS Profession: A South Asian Perspective. [2023 Mid-Year ASIS&T Conference](#).

### Posters

- [1] Man Yi Helen Chan, Kai Wah Samuel Chu, Bhakti Gala, Md. Anwarul Islam, Syeda Hina Batool, Raj KumarBhardwaj, Prasadi Kanchana Jayasekara, and **Manika Lamba**. (2022). Equipping Students and Beyond with Sound COVID-19 Knowledge to Survive and Thrive Despite the Pandemic. Proceedings of the Association for Information Science and Technology, 59: 633-635. DOI: [10.1002/pr2.673](https://doi.org/10.1002/pr2.673)

### Manuscripts

#### *Authored Book*

- [1] **Manika Lamba**. Introduction to Topic Modeling and Topic Visualization for Social Scientists. CRC Press. (Under Preparation, Expected Publication in 2025/2026)
- [2] Shailendra Kumar, Rajesh Singh, and **Manika Lamba**. Academic Information Center Policy in Digital Spaces. (Under Preparation)

## Journal Papers

- [1] Stanislava Gardasevic and **Manika Lamba**. “It answers questions that I didn’t know I have”: Interdisciplinary Ph.D. Students’ Evaluation of Knowledge Graph. (Under Preparation)
- [2] Devendra Potnis, Bhakti Gala, Vanessa Reyes, **Manika Lamba**, Nosheen Fatima Warraich, Leili Seifi. Role of information practices in enhancing and sustaining member engagement in professional associations: Insights from ASIS&T SIG-III. (Under Preparation)
- [3] Bhakti Gala, **Manika Lamba**, Vanessa Reyes. Relationship Building through Informal Gatherings & Technology Integrations. (Under Review)
- [4] Bhakti Gala, **Manika Lamba**, Md. Anwarul Islam, Syeeda Hina Batool, Raj Kumar Bhardwaj. Duelling Health Misinformation: Perceptions and Behaviour of COVID-19 by Rural Population from South Asian Countries. (Under Review)
- [5] Marijn A. Keijzer, Michael Mäs, Lukas Erhard, Zarine Kharazian, Annika Deubel, **Manika Lamba**. Information segregation on YouTube: Structural differences between conspiracy, news, science and non-controversial videos. (Under Preparation)

## Others

- [1] **Manika Lamba**. (2022). ASIS&T South Asia Chapter Newsletter. Vol. 1 Issue 2. [Download](#)
- [2] **Manika Lamba**. (2022). ASIS&T South Asia Chapter Newsletter. Vol. 1 Issue 1. [Download](#)
- [3] **Manika Lamba**. (2021). ASIS&T South Asia Chapter Newsletter. Vol. 1 Issue 1. [Download](#)

## Awards and Recognition

### Grants and fellowships

<b>Best Volunteer Award</b>	<a href="#">ASIS&amp;T SIG-III</a> (2023)
<b>\$4,000 (US)</b>	SIG Special Project Fund by ASIS&T (2023, <b>Co-PI</b> )
<b>€1,050 (Euro)</b>	Travel Grant to attend the <a href="#">Bremen International Graduate School of Social Sciences (BIGSSS) Summer Schools in Computational Social Science</a> at Groningen, Netherlands (2022)
<b>\$5,000 (US)</b>	Received research funding from Data Driven Social Science (DDSS) initiative under Princeton University (2022, <b>Co-PI</b> )
<b>\$8,000 (US)</b>	<a href="#">Association for Information Science &amp; Technology (ASIS&amp;T)</a> supported the proposed project on “ <i>Dealing with COVID-19 and Saving People’s Lives in South Asia (SA) Areas and Beyond</i> ” (2021, <b>Co-PI</b> )

*ASIS&T South Asia Chapter received [Chapter Innovation of the Year Award](#) for the Project at the AM2022 Conference*

**\$2,000 (US)** [NSF, Science of Science and Computational Discovery Lab](#) supported the proposed project on *”Enabling interactive exploration of rich scientific multigraphs with Neo4j Bloom”* (2021, **Co-PI**)

**5 Lakhs (INR)** [Indian Council of Social Science Research \(ICSSR\) Doctoral Fellowship](#) (2021-2022)

**Honorarium** Received an honorarium to provide my feedback on the structure, audience, format, and content of the **Public Communication of Science Scoping Workshop** to identify the areas of the course that need to be developed. It was organized by the Ethics Team (Public Policy Program) as a part of *Learning at [The Alan Turing Institute](#)* (2021)

**\$600.48 (US)** Received Amazon Mechanical Turk credits from [SICSS](#) to support proposed research on *“An Experimental design on the Relationship between COVID-19 misinformation and Protective Behavior”* (2020, **Co-PI**)

**Best Paper Award** Received [Best Paper Award](#) at [ICDL 2019](#), New Delhi (2019)

**416,000(INR)** UGC Non-NET Scholarship (2019-2022)

### Other Recognition

- 2023 Received scholarship that covered registration fees for [ASIS&T Mid-Year Conference 2023 Conference](#)
- 2022 Received scholarship that covered registration fees for [ACRL 2023 Conference](#) virtually
- 2021 Selected to attend Doctoral Consortium and Conference of [ACM/IEEE Joint Conference on Digital Libraries](#) with fully waived registration fees
- 2021 Selected to attend Doctoral Colloquium of [84th Annual Meeting of the Association for Information Science and Technology](#)
- 2021 Received scholarship that covered fully waived registration fees to attend [IFLA World Library and Information Congress 2021](#)
- 2021 Received scholarship to cover registration fees to attend [Special Library Association \(SLA\) 2021 Virtual Conference](#)
- 2021 Received scholarship that fully waived registration fees to attend the [Networks 2021](#). The waiver was made possible by the [International Network for Social Network Analysis](#), the [Network Science Society](#), and the [Indiana University Network Science Institute](#)
- 2021 Received scholarship that fully waived registration fees to attend [Research Data Access and Preservation \(RDAP\) 2021 Summit](#). It was funded by Figshare, Northeastern University Library, and Syracuse University iSchool
- 2021 Selected to attend Doctoral Colloquium and full [iSchool Conference 2021](#) with fully waived registration fees funded by U.S. National Science Foundation
- 2020 Received scholarship that covered fully waived registration fees to attend [Special Library Association \(SLA\) 2020 Virtual Conference](#). Contributed a blog article on *“AlphaSense: Case Study of an Artificial Intelligence Search Engine in Business”* session which was attended at the conference
- 2019 Featured in [Information Professionals Share their Top Tips for 2019](#) blog by Copyright Clearance Center (CCC)
- 2018 Secured first position in M.Phil. in Library and Information Science
- 2018 Received free student registration of \$3,000 (NTD) to attend [ETD 2018](#) conference at Taipei, Taiwan

2017-2018 Cleared National Eligibility Test (UGC NET or NTA-UGC-NET) four times in January 2017 (certificate no: 172018291), November 2017 (certificate no: 172036059), July 2018 (certificate no: 181045230), and December 2018 (certificate no: 182034780) that determines the eligibility for the post of Assistant Professorship in India

## Talks

### *Invited*

7 December 2023	<a href="#">Meet the Authors: Text Mining for Information Professionals: An Uncharted Territory</a>	ASIS&T	Zoom
March 2023	Workshop on Text Mining	University of Delhi	Delhi
November 2022	Lecture and Hands-on Tutorial on Topic Modeling, Sentiment Analysis, and Network Analysis	University of Hawaii	Zoom
8 October 2022	<a href="#">Sentiment Analysis using R</a>	RLadies Gaborone	Zoom
27 April 2022	<a href="#">Topic Modeling with R</a>	RLadies Urmia (Iran)	Zoom
18 Dec 2021	<a href="#">Acceleration of Health Information Literacy: Preparing Multi-Lingual COVID-19 Contents for South Asia Region</a>	University of Dhaka, Bangladesh	Zoom

### *Organized*

13 July 2023	<a href="#">8th ASIS&amp;T SIG-III Café Meet</a>	ASIS&T SIG-III	Zoom
20 June 2023	<a href="#">Text and Data Mining Work at Virginia Tech University Libraries</a>	IFLA Science & Technology Libraries Section	Zoom
11 May 2023	<a href="#">7th ASIS&amp;T SIG-III Café Meet</a>	ASIS&T SIG-III	Zoom
31 March 2023	<a href="#">Mismatch Finder: Resolving Mismatches in Wikidata's 100 Million Items</a>	IFLA Science & Technology Libraries Section	Zoom
16 March 2023	<a href="#">6th ASIS&amp;T SIG-III Café Meet</a>	ASIS&T SIG-III	Zoom
12 Jan 2023	<a href="#">5th ASIS&amp;T SIG-III Café Meet</a>	ASIS&T SIG-III	Zoom
9 November 2022	<a href="#">Out in the Open: How the Jet Propulsion Laboratory (JPL) Library is Leading Open Science</a>	IFLA Science & Technology Libraries Section	Zoom
28 July 2022	<a href="#">4th ASIS&amp;T SIG-III Café Meet</a>	ASIS&T SIG-III	Zoom
29 June 2022	<a href="#">Author Carpentry: Persistent Access for Research Outputs with Digital Object Identifiers Workshop Sessions 1 &amp; 2</a>	IFLA Science & Technology Libraries Section	Zoom

22 June 2022	<a href="#">Author Carpentry: Identifying Reputable OA Journals Workshop Sessions 1 &amp; 2</a>	<a href="#">IFLA Science &amp; Technology Libraries Section</a>	Zoom
31 May 2022	<a href="#">3rd ASIS&amp;T SIG-III Café Meet</a>	<a href="#">ASIS&amp;T SIG-III</a>	Zoom
17 Mar 2022	<a href="#">2nd ASIS&amp;T SIG-III Café Meet</a>	<a href="#">ASIS&amp;T SIG-III</a>	Zoom
5 Feb 2022	<a href="#">Health Information Literacy - Content Creation during the COVID Infodemic</a>	<a href="#">IFLA Science &amp; Technology Libraries Section</a>	Zoom
20 Jan 2022	<a href="#">1st ASIS&amp;T SIG-III Café Meet</a>	<a href="#">ASIS&amp;T SIG-III</a>	Zoom
15 Dec 2021	<a href="#">The Carpentries &amp; Author Carpentry</a>	<a href="#">IFLA Science &amp; Technology Libraries Section</a>	Zoom

## Current Working Projects

- [1] Winter School for Enhancing Research Skills: A SIG-III Initiative with Bhakti Gala, Leili Seifi, Fatih Oguz, Naailah Parbhoo, Ruwan Gamage, Shalini Urs, & Sourav Debnath
- [2] [Down the rabbit hole: Polarization and information segregation on YouTube](#) with Marijn Keijzer, Michael Mäs, Lukas Erhard, Annika Deubel, Zarine Kharazian (Working Paper)
- [3] Enabling interactive exploration of rich scientific multigraphs with Neo4j Bloom with Stanislava Gardasevic (Working Paper)

## Contributed Presentations

- [1] **Manika Lamba.** (2021). Analyzing Trends in Electronic Theses and Dissertations: 100 years of Library and Information Science (oral presentation), [84th Annual meeting of the Association for Information Science and Technology](#), October 2021.
- [2] **Manika Lamba.** (2021). Analyzing Trends in Electronic Theses and Dissertations: 100 years of Library and Information Science (oral presentation), [ACM/IEEE Joint Conference on Digital Libraries \(JCDL\)](#), September 2021.
- [3] **Manika Lamba.** (2021). Exploratory Text Analysis of Electronic Theses and Dissertations (oral presentation), [iSchool Conference \(Virtual\)](#), March 2021.
- [4] **Manika Lamba,** & Margam Madhusudhan. (2019). Mapping of ETDs in ProQuest dissertations and theses (PQDT) global database (2014-2018) (video presentation), [22nd International Symposium on Electronic Theses and Dissertations – ETD 2019](#), Porto, Portugal, November 2019.

## Services and Professional Activities

### Elected Positions

2021-2025	Standing Committee Member	<a href="#">IFLA Science and Technology Libraries Section</a>
2021-2022	Secretary/Treasurer	<a href="#">SIG Organizational Information Management, ASIS&amp;T</a>
2021-2022	Cabinet Representative	<a href="#">SIG Digital Libraries, ASIS&amp;T</a>
2021-2022	Webmaster	<a href="#">Association for Information Science &amp; Technology (ASIS&amp;T) South Asia Chapter</a>

### Editorial Services

2021-Present	Editor-in-Chief	<a href="#">International Journal of Library and Information Services (IJLIS), IGI Global</a>
2021-2022	Elected Newsletter Officer	<a href="#">Association for Information Science &amp; Technology (ASIS&amp;T) South Asia Chapter</a>

*ASIS&T South Asia Chapter received [Best Publication Award for the Newsletter at the AM2022 Conference](#)*

Aug–Oct 2019	Volunteered Editor-at-large	<a href="#">dh+lib (an ACRL Digital Humanities Interest Group project)</a>
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### Volunteered Positions

2022	Program Committee Member	<a href="#">9th Workshop on Argument Mining, International Conference on Computational Linguistics</a>
2021-Present	Chair of Professional Development Subcommittee	<a href="#">IFLA Science and Technology Libraries Section</a>
2021	Awards Committee Member	Judged Pitch Talk Award for <a href="#">Networks 2021</a>

### Invited Positions

2023	Program Committee Member	<a href="#">10th Workshop on Argument Mining</a>
2023	Program Committee Member	<a href="#">2023 ICLR First Workshop on Machine Learning &amp; Global Health</a>
2022	Program Committee Member	<a href="#">9th Workshop on Argument Mining</a>

2022-Present	Co-Founder and Co-Organizer	<a href="#">International Café Meet (ICM), ASIS&amp;T SIG-III</a>
2022	Jury (Senior Primary Group)	<a href="#">International Digital Story Writing Competition: AI and Health &amp; COVID-19: Imagine, Create &amp; Share</a>
2022	Jury	<a href="#">Journal of the Association for Information Science and Technology (JASIST) Best Paper Award Committee</a>
2021	Invited Discussant	<a href="#">5th Library Technology Conclave (LTC2021) for Social Media Research session, Video 1 and 2</a>
2020-Present	Program Committee Member	<a href="#">The Digital Marketing &amp; eCommerce Conference</a>
Sep 2019	Invited Attendee	ProQuest Day, Aloft Hotel Aerocity, Delhi

### Reviewing Services

† indicates reviewing for multiple times

[ICIS 2023](#), [ELI Annual Meeting 2020](#) by EDUCAUSE, Plos One, Neurosciences, Social Network Analysis and Mining, Journal of Big Data<sup>†</sup>, IEEE Access<sup>†</sup>, Journal of Medical Internet Research<sup>†</sup>, JMIR Medical Informatics, JMIR Public Health and Surveillance, Scientometrics<sup>†</sup>, Journal of Information Science<sup>†</sup>, Global Knowledge, Memory and Communication<sup>†</sup>, Journal of International Medical Research<sup>†</sup>, Complexity, Library Hi-Tech, Information Discovery and Delivery<sup>†</sup>, International Journal of Library and Information Services<sup>†</sup>, Network Modeling Analysis in Health Informatics and Bioinformatics<sup>†</sup>, DESIDOC Journal of Library and Information Technology<sup>†</sup>, Library Quarterly, International Journal of Information Technology & Decision Making, International Journal of Technology, Knowledge, and Society<sup>†</sup>, Library Philosophy and Practice, Academia Letters, Accountability in Research, Digital Health, International Journal of Information Technology & Decision Making, International Journal of Technologies in Learning

### Professional Memberships

- Life Member [Indian Library Association](#)
- 2023-2024 [United States Electronic Thesis and Dissertation Association \(USETDA\)](#)
- 2020–2021 [Special Libraries Association \(SLA\)](#)
- 2021–Present [Association for Information Science and Technology \(ASIS&T\)](#)
- 2020–2021 [Research Data Access and Preservation Association \(RDAP\), Inc.](#)
- 2015–Present [Delhi University Library Science Students' Association \(DULSA\)](#)

## Additional Training

- 2023 Text Analysis Pedagogy Institute (TAPI) funded by the Association of College & Research Libraries and Academic Data Science Alliance
- 2023 [Introduction to Computer Vision for Digital Humanists](#) by School of Information Sciences, University of Illinois Urbana-Champaign
- 2023 [Research Bazaar \(ResBaz\) Arizona 2023](#)
- 2022 Selected to attend the [Bremen International Graduate School of Social Sciences \(BIGSSS\) Summer Schools in Computational Social Science](#) for two-weeks at Groningen, Netherlands. It is funded by the Volkswagen Foundation (project 92 145 “BIGSSS Summer Schools in Computational Social Sciences: Data-driven Modeling of Conflicts, Migration, and Social Cohesion”)
- 2021 Selected to attend two weeks [Science of Science Summer School \(S4\)](#) which was funded by NSF’s Collaborative Research: Social Dynamics of Knowledge Transfer Through Scientific Mentorship and Publication. The acceptance rate was 19%
- 2021 Attended [Data Science Summer School](#) by Hertie School, [Data Science Lab](#)
- 2021 Attended [use!R 2021](#) Conference. useR! conferences are non-profit conferences organized by community volunteers for the community, supported by the R Foundation
- 2021 Selected to attend the [Digital Humanities & Research Software Engineering Summer School](#). It was a one-week summer school that involved 5 intensive training days to gain thorough understanding of the role of a Research Software Engineer in Digital Humanities research. It was organized by [The Alan Turing Institute](#)
- 2021 Selected to attend the [1st Social ComQuant Summer School](#). It was an intensive research-based summer program in computational social science It was organized by [Social ComQuant](#) and funded by the European Union’s Horizon 2020 research and innovation program under grant agreement no 952128. The acceptance rate for the summer school was 30%
- 2021 Selected to attend the [Text Analysis Pedagogy Institute](#) led by JSTOR Labs in partnership with The University of Virginia (2021) and The University of Arizona (2022) with the funding from the *National Endowment for the Humanities*. I undertook the following [Courses](#):
- (1) Machine Learning by Grant Glass (Ph.D. candidate, University of North Carolina at Chapel Hill);
  - (2) Topic Modeling by Rafael Alvarado (Associate Professor, University of Virginia); and
  - (3) Visualizing Humanities Data by Zoe LeBlanc (Postdoctoral Associate, Princeton University)
- 2020 Selected to attend a two-weeks intensive research-based summer program in computational social science by [Summer Institute in Computational Social Science \(SICSS-Rutgers\)](#), sponsored by *Alfred P. Sloan Foundation*, *Russell Sage Foundation*, *Facebook*, *Social Science Research Council*

## Certifications

2022-2025	<a href="#">Information Privacy &amp; Security (IPS), Exempt Researchers and Key Personnel IPS</a> by CITI Program
2020	Guided Project on <a href="#">Fake News Detection with Machine Learning</a> , Coursera
2020	Guided Project on <a href="#">Create Interactive Dashboard with Streamlit and Python</a> , Coursera
2020	Guided Project on <a href="#">Network Data Science with NetworkX and Python</a> , Coursera
2019	Five Day Workshop on <i>Library Automation &amp; Digitisation</i> , South Campus Library, University of Delhi
2019	Certificate Course in Archives Management, National Archives of India
2018	Certificate Course in Reprography, National Archives of India
2018	<a href="#">Research Data Management and Sharing</a> , Coursera
2017	Certificate Course in Care and Conservation of Books, Manuscripts and Archives, National Archives of India
2017–2018	Certificate Course in German Language, University of Delhi
2016–2017	Certificate Course in French Language, University of Delhi
2015	<a href="#">Reproducible Research</a> , Coursera

## Skills

Programming Python, R, LaTeX, HTML5

Others GitHub, Qualtrics, Amazon Mechanical Turk (AmTurk), Canva, WordPress, Tableau, SPSS, Neo4J, NVivo, Atlas.ti, Otter.ai

## Mentorship

2020	Neha Kashyap	MLIS Student ( <i>Dissertation Title: Research Evaluation of Central Universities of India using Altmetrics: A Cohort Study</i> ), University of Delhi
2020	Victor Chepik	<a href="#">Certified Publons Academy Mentor</a> , Publons Academy