


Curriculum Vitae

	<p>DR. MANASH ESH <i>Ph.D, B.Tech (CSE), MLISc</i> Senior Information Scientist</p> <p><i>University of North Bengal</i> P.O. NORTH BENGAL UNIVERSITY <i>Raja Rammohunpur: Dist. Darjeeling</i> West Bengal, India, Pin - 734 013 Phone: +91- (0353) 277 6300 (O), 9475627599 (M) Email: manash@nbu.ac.in</p> <p>Profile: https://vidwan.inflibnet.ac.in/profile/42186 Scopus ID: https://www.scopus.com/authid/detail.uri?authorId=57211294868 ORCID : https://orcid.org/0000-0003-2748-8977</p>
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Subject Specialization	<i>Computer Science & Engineering, Library and Information Science</i>
Area of Research Interest	<i>Machine Learning for Information Management, Semantic Web and Linked Data, Digital Literacy and Competencies, Bibliometrics, Scientometrics, and Informetrics, Digital Divide and Information Equity, Metadata Standards</i>
Professional Experiences (16 Years as on 2025)	<ul style="list-style-type: none"> • <i>Currently employed as an Senior Information Scientist at NBU since 27/05/2009.</i> • <i>Worked under the UGC-Plan project from 25/05/2006 to 26/05/2009 at NBU.</i>
Members of Professional Bodies	<ul style="list-style-type: none"> • <i>Indian Science Congress Association. Membership No. A519</i> • <i>Indian Library Association (ILA). EL14891</i> • <i>Bengal Library Association (BLA)</i>
Ph.D	<i>Esh, M. (2024). Digital literacy as social capital for identification and evaluation of digital competencies of the undergraduate students of the University of North Bengal (Doctoral dissertation, University of North Bengal, West Bengal, India). Department of Library and Information Science.</i>

Dr. Manash Esh is currently serving as a Senior Information Scientist at the University of North Bengal. He is an active member of several professional associations and has published numerous research papers, many of which are indexed in Scopus and listed in UGC Care. His academic credentials include a Ph.D. in Library and Information Science from the University of North Bengal, an MLISc degree, and a B.Tech in Computer Science & Engineering. He has made significant contributions as a resource person in various training programs and workshops, addressing topics such as library automation, open-source software and MOOCs, etc. Moreover, he has participated in

numerous seminars, workshops, and training programs, further enriching his professional expertise. With a diverse skill set and extensive knowledge base, Manash Esh is an expert in multiple domains. He has a strong background in Library Automation, focusing on optimizing library operations through advanced technological solutions to streamline processes and improve user experiences. Also, his expertise in Digital Literacy enables him to bridge the digital divide and empower individuals with essential digital competencies, making him a valuable contributor to his field.

Publications:

1. Esh, M. (2025). Artificial intelligence in libraries: A multifaceted analysis of integration, impact, and collaboration. *DESIDOC Journal of Library & Information Technology*, 45(1), 51–56. <https://doi.org/10.14429/djlit.20309>
2. Esh, M., & Ghosh, S. (2025). AI in Libraries: Subject Mapping and Interpreting Bibliometric Laws with Contemporary Metrics. *The Serials Librarian*, 1–18. <https://doi.org/10.1080/0361526X.2024.2444288>
3. Esh, M. (2024). Predicting Future Citations from A.I. Publication Trends: A Comparative Analysis of Forecasting Models. *The Serials Librarian*, 1–14. <https://doi.org/10.1080/0361526X.2024.2433258>
4. Esh, M., & Ghosh, S. (2024). Navigating OpenDOAR Distribution: A Deep Dive into Predictive Modeling and Trend Forecasting. *The International Information & Library Review*, 1–16. <https://doi.org/10.1080/10572317.2024.2410674>
5. Esh, M., & Ghosh, S. (2024, September 19-21). *Mapping the global terrain of OpenDOAR utilization: Insights from data visualization approach*. 12th Convention PLANNER-2024, Rajiv Gandhi University, Arunachal Pradesh. INFLIBNET Centre Gandhinagar. <http://ir.inflibnet.ac.in/handle/1944/2502>
6. Esh, M. (2024, May). *Exploring data mining trends and research focus in India (2018-2022): A comprehensive bibliometric analysis*. In *Futuristic Trends in Computing Technologies and Data Sciences* (Vol. 3, Book 9, pp. 139-152). IIP Series. <https://doi.org/10.58532/V3BGCT9P4CH1>
7. Esh, M. (2024). Sentiment Analysis in ChatGpt Interactions: Unraveling Emotional Dynamics, Model Evaluation, and User Engagement Insights. *Technical Services Quarterly*, 41(2), 160–174. <https://doi.org/10.1080/07317131.2024.2319972>
8. Esh, M., & Ghosh, S. (2024). Tracing the trajectory of literacy warrants: A trends study on the emergence of digital literacy and digital competency. *Journal of Librarianship and Information Science*, 0(0). <https://doi.org/10.1177/09610006241239081>
9. Esh, M., & Ghosh, S. (2023). A Twenty-Year Trend Analysis of Literary Warrants on Digital Literacy and Digital Competency Through SCOPUS Database. *Science & Technology Libraries*, 1-14. doi:10.1080/0194262X.2023.2238222
10. Esh, M., & Ghosh, S (2023). Time series analysis-based models for predicting utilization of electronic resources. *Journal of Electronic Resources Librarianship*, 35(3)
11. Esh, M., & Ghosh, S.(2023). Measuring Quality and Reliability of Digital Competency among Undergraduate Students. Paper presented at the 11th International Library Information

Professional Summit (I-LIPS) on New and Innovative Libraries in Digital Era: Services and Practices, Greater Noida, India. (ISBN: 9788195834044)- Bookwell

12. Esh, M., & Ghosh, S. (2022). Are They Really Aware? A Digital Venture for Addressing "Digital Literacy" among the PG Students at the University of North Bengal. Paper presented at the 13th International Caliber2022, BHU Varanasi.
13. Esh, M., & Ghosh, S. (2022). Shodhganga and Shodhshuddhi" 2S"--Indian research Paragon: A Study. *Library Philosophy and Practice*, 1-16.
14. Esh, M., & Ghosh, S. (2021). A Scientometric Introspect of Literary Warrants Published in *Annals of Library and Information Studies (ALIS)* during the Last Decade. *Library Philosophy and Practice (e-journal)*. <https://digitalcommons.unl.edu/libphilprac/6043/>
15. Esh, M., & Ghosh, S. (2021). Role in Contribution to Open Access Repository by the Northeast Universities in India. *DESIDOC Journal of Library & Information Technology*, 41(6), 448-454.
16. Esh, M., & Ghosh, S. (2021). Tracing the Global Trend on the Study of Digital Literacy: A Scientometric Analysis. *International Journal of Digital Literacy and Digital Competence (IJDLDC)*, 12(3), 1-15.
17. Esh, M., & Ghosh, S. (2021). Trends in academic mobility in the university of north bengal (2011-2020): a scientometric study. *Library Philosophy and Practice*, 1-11. <https://digitalcommons.unl.edu/libphilprac/5676/>
18. Esh, M., & Ghosh, S. (2021). Analyzing Digital Literacy (DL) of the LIS students, University of North Bengal, India. *Library Philosophy and Practice*.
19. Esh, M. (2019). Usage of e-Journals in University of North Bengal under INFLIBNET (2012-2018) analysis with INFISTATS. *DESIDOC Journal of Library & Information Technology*, 39(4), 199-204.
20. Esh, M. (2019). Integrating Communication Theory into LIS. Paper presented at the National Seminar on Towards Theoretical Uniformity in Library & Information Science.
21. Esh, M. (2018). Open knowledge to Big Data: Challenges for the new millennium information professionals. Paper presented at the National Seminar on Social Implications of Library & Information Science: Descriptive and Prescriptive approach.
22. Sarkar, T., & Esh, M. (2016). Require of Cooperative Learning Network Through Virtual Course and General Edification Platform for Open Education in India. *The Online Journal of Distance Education and e-Learning*, 4(1), 50.
23. Esh, M. (2016). Electronic Thesis and Dissertations System of India for Ensuring Qualitative Growth of Higher Education. Paper presented at the One day National Seminar on Higher Education: Inclusive and Qualitative Growth vis-à-vis officers.
24. Esh, M. (2015). Development of Shodhganga Repository for e-theses in West Bengal: a Study. *International Research: Journal of Library and Information Science*, 5(2).

25. Esh, M. (2015). Digital Services in University libraries: A case study of the University of North Bengal. Paper presented at the UGC sponsored national seminar: Digital India: Higher education scenario issues, challenges & prospect.
26. Esh, M. (2015). Need for Virtual Classroom to enhance the quality of Open Mode of Learning: an emerging form of Education. Paper presented at the UGC sponsored national seminar: Digital India: Higher education scenario issues, challenges & prospect.
27. Esh, M. (2015). Network Bandwidth Utilization Vis-À-Vis Effective E-Resources Ingestion: Case Study Of University Of North Bengal. Professional Journal of Library and Information Technology, 5(The Bi- Annual refereed Journal of LIS.), 132-138.
28. Esh, M. (2014). Management of Central Facilities: A Case Study University of North Bengal. Paper presented at the National Seminar on higher education in the Era of privatization: Problem & Prospects.
29. Esh, M. (2013). Optimum and effective utilization of the UGC-INFONET program under the campus network structure: a Case study of North Bengal University. Paper presented at the International Conference of Digital Libraries 2013.
30. Esh, M. (2010). Indispensable design of the network in addition to Internet. Paper presented at the National Seminar-All Bengal School Library Association.(ABSLA).

E-Content(s) Developed

Esh, M. (2023). *Fundamentals of Information Technology - Semester II for P.G.* [E-content]. InstitutionalLMS.

https://drive.google.com/file/d/1qSrJ_CVcgUw768ZxQpm_oe6R1xE0TJB/view

<https://drive.google.com/file/d/15rnA4AxtcF2iOtbjVGNvUpbRIDY-xpDg/view>

Seminar/Conference/Workshop/Training attended

- University of North Bengal. (2006). *Training Programme on maintenance Opto-Analytical Instruments*. USIC.
- University of North Bengal. (2008). *Training Programme on Computer Hardware maintenance & assembly*. USIC.
- TechnoLab. (2008). *Certificate professional course in CISCO Router & Switches (60 hours) [Grade: B+]*. Siliguri.
- INFLIBNET & NBU. (2009, March 25). *One Day user awareness programme on access to e-resources under UGC-INFONET Digital Library Consortium*. University of North Bengal.
- Jadavpur University. (2009, July 23). *National Seminar on Technology-enhanced learning & National Workshop on e-content design & development*. DDE, Jadavpur University.
- INFLIBNET. (2009, October 5–9). *Training Programme on Installation & operation of SOUL2.0*. Ahmedabad.
- INFLIBNET & NBU. (2009, December 14–18). *INFLIBNET Regional Training Programme on Library Automation (IRTPLA)*. University of North Bengal.

- IFLA & IGNC. (2010, February 26–28). *Digital preservation & access to news & views*. New Delhi.
- TERI. (2010, February 23–26). *Third International Conference on Digital Libraries (ICDL-2010): Shaping the Information Paradigm*. New Delhi.
- INFLIBNET & NBU. (2010, February 10). *User awareness programme on access to e-resources under N-LIST programme*. University of North Bengal.
- DDE, NBU. (2011, March 11–12). *Workshop on open educational resources for distance mode learning*. University of North Bengal.
- INFLIBNET & Goa University. (2011, March 2–4). *International CALIBER: Library as a catalyst for knowledge discovery and management*. Goa University.
- DELNET. (2011, August 4–6). *Workshop on DSpace for building digital libraries*. New Delhi.
- DDE, NBU. (2011, December 16–17). *Workshop on technology innovation in open and distance learning: Best practices*. University of North Bengal.
- DDE, NBU. (2012, March 12). *Workshop on the judicious choice of media in distance learning*. University of North Bengal.
- DDE, NBU. (2012, January 16–19). *Workshop on office management and soft skills*. University of North Bengal.
- University of North Bengal. (2012, October 3–4). *Two-day workshop on data envelopment analysis*.
- University of North Bengal. (2013, November 20–23). *5th Asian Conference on Colloid & Interface Science*.
- TERI. (2013, November 27–29). *International Conference on Digital Libraries (ICDL-2013): Vision 2020*. New Delhi.
- INFLIBNET. (2014, January 29–31). *Three-day advanced training program on Shodhganga*. Gandhinagar.
- iGroup Infotech Pvt. Ltd. (2014, January 30). *Training workshop*. Gandhinagar.
- Burdwan University Officers Association. (2014, January 10–11). *Two-day national seminar on higher education in the era of privatization: Problem & prospect*. University of Burdwan.
- ASC, NBU. (2014, November 21–December 18). *UGC-sponsored orientation program*. University of North Bengal.
- Government of West Bengal. (2015, February 28–March 1). *22nd WBSSTC-2015*. University of North Bengal.
- Government of West Bengal. (2015, June 3–4). *Science in Bengal: Satellite conference – 22nd WBSSTC*. University of North Bengal.
- MHRD. (2015, June 26–27). *Workshop on NMEICT*. NIT Sikkim.
- West Bengal Progressive Officers Association. (2015, August 22–23). *UGC-sponsored national seminar: Digital India – Higher education scenario, issues, challenges & prospect*. Rabindra Bharati University.
- HRDC, NBU. (2015, November 26–December 16). *Refresher course in LIS at UGC HRDC-NBU*. University of North Bengal.
- Department of Law, NBU. (2015, December 19–20). *UGC-sponsored national seminar: Changing dimensions of the concept of legal system & rule of law: Emerging trends in constitutionalism*. University of North Bengal.

- North Bengal University Officers' Association. (2016, September 10). *One-day national seminar on higher education: Inclusive and qualitative growth vis-à-vis officers*. University of North Bengal.
- APC Roy Government College. (2016, September 22). *State-level seminar on quality assurance of higher education in India*. Siliguri.
- NDL. (2017, March 10–11). *National Digital Library Workshop*. IIT Kharagpur & Calcutta University.
- UGC. (2017, September 9–10). *UGC-sponsored national seminar: Equality, discrimination, and difference – Issues of tolerance in a globalized world*. University of North Bengal.
- USIC, NBU. (2018, January 11–12). *Workshop on application and usage of scanning electron microscope (SEM)*. University of North Bengal.
- Department of Chemistry, NBU. (2018, February 8–10). *Science academies lecture workshop on frontiers in chemical and material sciences: Theory and practice*. University of North Bengal.
- INFLIBNET. (2018, June 13–15). *National workshop on federated identity and access management (INFEED)*. Gandhinagar.
- INFLIBNET. (2018, December 26–28). *Advanced training programme on Shodhganga*. Gandhinagar.
- WBUOA. (2019, January 12–13). *Recent trends in Indian higher education administration & finance*. West Bengal University Officers Association.
- PhD. (2019, November 15). *One-day awareness programme on the importance of intellectual property rights*. NBU.
- UGC. (2020, February 27–28). *Two-day national conference on the relativistic universe*. HECRRC.
- UGC. (2020, March 6). *National symposium on next-generation information managers for the knowledge society*. University of North Bengal.
- Taylor & Francis. (2020, May 19). *Certificate of participation: How to access Taylor & Francis journals*.
- Swayam. (2020, December 1–2021, March 31). *Leadership and governance in higher education (Level 2)*.
- Swayam. (2020, December 1–2021, March 31). *Refresher course on emerging trends & technologies in library & information services (ETTLIS)*.
- INFLIBNET. (2022, November 17–19). *13th International CALIBER 2022*. Gandhinagar.
- DELNET. (2022, November 17). *DELNET annual lecture by Mr. Peter Bae, Assistant University Librarian, Princeton University*.
- NDLI. (2022, September 25). *Afternoons with an author: Aks*.
- NDLI. (2022, September 23). *Power of storytelling in facing interviews*.
- NDLI. (2022, November 27). *Afternoons with an author: Air Cmde Nitin Sathe's book 1971.1999. War Stories*.
- DELNET. (2022, August 31). *DELNET-TERI SAS webinar on best practices for building green campuses*.
- NDLI. (2022, August 19). *Role of Indian Foreign Service in international relations*.
- West Bengal State Higher Education Council. (2022, August 16–17). *Two-day workshop on promoting research excellence in academics across West Bengal*.

- NDLI. (2022, July 31). *Afternoons with an author: Turmoil in Punjab – Before and after Blue Star*.
- Indian Institute of Social Reform & Research. (2022, July 2). *IISRR national workshop/seminar on reassessing NAAC assessment & accreditation process*.
- NDLI. (2022, July 1). *The journey of an entrepreneur*.
- DELNET. (2022, July 1). *Dr. H. K. Kaul Memorial Lecture 2022 by Padmaja Muralidharan, Senior Librarian, Nanyang Technological University, Singapore*.
- DELNET. (2022, June 30). *DELNET@30: Forging ahead in empowering libraries & inspiring LIS professionals*.
- NDLI. (2022, June 26). *Afternoons with an author: MAD(E) IN INDIA*.
- NDLI. (2022, June 17). *Training and life of a civil servant*.
- DELNET. (2022, May 9). *DELNET-National Library of Sri Lanka online conference on transforming libraries & empowering LIS professionals*.
- Department of Computer Science and Application, University of North Bengal. (2021, October 1–3). *International webinar on emerging trends in computational technologies (IWETCT)*.
- HECRRC. (2021, September 4). *Cosmic Ray Group of Astronomy (CRAGA) online colloquium series*.
- DELNET. (2022, December 29). *Skill development for new millennium LIS professionals: An overview by Dr. P. R. Goswami*.
- Galgotias University & Society for Library Professionals. (2023, April 13–15). *11th International Library Information Professional Summit (I-LIPS) on new and innovative libraries in the digital era: Services and practices*.
- West Bengal Officers Association. (2023, May 13). *Seminar on the role of academic administrators in NEP 2020*. Lataguri, West Bengal.

Manash Esh

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