



Prof. Girish Nath Jha

Professor of Computational Linguistics
School of Sanskrit and Indic Studies, JNU

Concurrent Faculty:

(1) School of Engineering (2) Center for Linguistics, SLL&CS (3) Special Center of E-Learning (SCEL), JNU

girishjha@jnu.ac.in

<https://jnu.ac.in/Faculty/girishjha/cv.pdf>

<http://sanskrit.jnu.ac.in>

Education

- M.A : 1991, Linguistics, JNU, New Delhi
M.Phil : 1993, Linguistics (Computational Morphology), JNU, New Delhi
Ph.D : 1996, Linguistics (Machine Translation), JNU, New Delhi
M.A. : 1998, Linguistics (Natural Language Interface)
University of Illinois, Urbana-Champaign, USA

Research Interests

Indian languages corpora and standards, Sanskrit/Hindi linguistics, Science & Technology in Sanskrit texts, Computational Lexicography, Machine Translation, e-learning, web-based technologies, RDBMS techniques, software design and localization.

Employment History

- *Professor of* Computational Linguistics, Special Center for Sanskrit Studies, J.N.U (2014-current)
- *Chairman*, Commission for Scientific and Technical Terminology, Ministry of Education (MoE), Government of India (GoI) (short term contract deputation to GoI - 2022-2025)
- *Associate Professor* of Computational Linguistics, Special Center for Sanskrit Studies, J.N.U (since 2008)
- *Assistant Professor* of Computational Linguistics, Special Center for Sanskrit Studies, J.N.U (since 2002)

- *Software Development Specialist*, Human Kinetics, Champaign, Illinois, USA (24/9/2001 – 25/4/2002)
- *Software Engineer*, Collaborative Technologies (renamed dChain Commerce), Champaign, Illinois, USA (6/1/1999 – 3/9/2001)
- *Research Assistant*, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign, USA (1998 - 1999)
- *Research Assistant*, Dept. of Psychology, University of Illinois, Urbana-Champaign, USA (Summer, 1997)
- *Teaching Assistant*, Dept. of Linguistics, University of Illinois, Urbana-Champaign, USA (1996-1998)

Technical Expertise

- Machine Translation, computational lexicography computational grammar development, grammar analysis, interactive linguistic instruction, software internalization/localization
- Natural Language Interface, Attribute Value Grammar (AVG) development, testing, parsing, algorithm implementation
- Language Technology project management
- B2B e-commerce solutions, test drivers in Java Servlet/JSP, AWT/Swing, Apache/Tomcat, JDBC/SQL Server
- RAD database and web applications, design and development of user interface in the windows/NT environment using Delphi, SQL Server, Interbase
- Project management for software development

Administrative Experience as head

- Chairman, Working Group on *Hardware & Software (Keyboard, Fonts, Rendering Engine, Applications, Security)* set up by MEITY, GoI 2024 -
- Chairman, *Commission of Scientific and Technical Terminology (CSTT)*, MoE, GoI 26/5/2022- 31/1/2025)
- Coordinator, Ayurveda Biology Program, School of Sanskrit and Indic Studies, JNU (28/2/2020 - 27/2/2022)
- Dean, School of Sanskrit and Indic Studies, JNU (29/12/2017 - 28/12/2019)
- Director, International Collaboration, JNU (05/05/2016 - 14/01/2018)
- Chairperson, Special Center for Sanskrit Studies, JNU (19/2/2016 - 28/12/2017)
- Chairperson, Security Advisory Committee, JNU 2020 - 2022
- Chairperson, Space Committee, JNU 2019 - 2022
- Chairperson, Committee on Plagiarism, JNU, 2018

Membership of Committees

1. Member of the Steering Committee for Innovation Challenge for Development of Machine Aided Translation System (IC-MATS), Office of Principal Scientific Advisor, Govt. of India (2021-2024)
2. Core Committee, *Hindi Shabd-Sindhu Online Dictionary*, DoL, Ministry of Home Affairs (MoH), Govt. of India, 2022 -
3. Executive Council, Mahatma Gandhi Hindi International University, Wardha, 2020-2023
4. Finance Committee, Mahatma Gandhi Hindi International University, Wardha, 2021-2023
5. Technical Advisory Committee (TAC), Social Sciences Division, Indian Statistical Institute, Kolkata (2020-22)
6. Project Review and Management Committee (PRMC), SSMT, Principal Scientific Advisor, Govt. of India, 2020
7. Visitor's Nominee, Rajasthan Sanskrit University, Jaipur, 2019-2021
8. Committee on Career Advancement for faculty, JNU, 2019
9. Advisory Committee, Adikavi Sarla Das Chair of Odia Studies, JNU 2018-2020
10. Committee for service matters, JNU, 2018
11. Committee for Foreign and Indian Language Interpreters, MHRD, 2018
12. Visitor's Nominee, Central University of South Bihar, Gaya, 2018-21
13. Expert Advisory Committee, Bharat Vani, CIIL, Mysore 2017-19
14. Hub Advisory Committee for Trans-Disciplinary Research Cluster, JNU, 2016
15. Board of Post Graduate Studies (BPGS) of Sanskrit, Tripura University, 2016
16. Expert/Advisory Committee of Bharatvani Project, CIIL Mysore, 2015
17. Association for Computing Machinery (ACM) since 2015
18. BOS, Dept of Sanskrit of Kanya Maha Vidyalaya, Jalandhar since 2015
19. Academic Advisory Council, Center for Indic Studies, University of Massachusetts, Dartmouth, USA, 2014
20. Internal Quality Assurance Committee (IQAC), Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth (SLBSRSV), New Delhi, 2014
21. Board of Studies (UG-BOS) in the BPS Womens' University, Sonapat, Haryana (2014-2016)
22. Association for Computational Linguistics (ACL), 2012
23. Board of Directors (BoD), World Association for Vedic Studies (WAVES), USA, 2012
24. Expert Committee on Linguistic Resources and Language Technology Standards, MEITY, Govt. of India, 2012
25. Project Review Steering Group (PRSG), project on *Establishment of Indian Language Technology Proliferation & Deployment Centre*, MEITY, Govt. of India, 2012
26. Steering Committee, *FLaReNet*, European Commission project, Pisa, Italy, 2010-
27. Expert Committee on CLDR, MEITY, Govt. of India
28. *Indian Language Technologies and Products (LITD 20)*, Bureau of Indian Standards (BIS), Govt. of India
29. PRSG, *Speech Technology projects*, MEITY, Govt. of India
30. Working Group, Technology Development for Indian Languages (TDIL) Program, MEITY, Govt. of India, 2007-2009
31. Working Group, Localization of Applications & Language Technology Standards, National e-Governance Program (NeGP), Govt. of India

32. Expert group on Computational Linguistics, Manufacturer's Association on Information Technology (MAIT) and MEITY, Govt. of India
33. Managing Committee, Chinmaya Vidyalyaya, Vasant Vihar, New Delhi (till 2014)

International Visiting Faculty

1. Guest Professor, **University of Wurzburg, Germany**, under DAAD fellowship, 6 November -20 November, 2016
2. Visiting Professor, **University of Florence, Italy**, 1 June - 4 July, 2016
3. Guest Lectureship, **University of Wurzburg, Germany** to teach a short course in Computational Linguistics at the Digital Humanities department under a DAAD fellowship during 5 January - 26 January, 2014
4. Guest Lectureship, **Yogyakarta State University, Indonesia**, 17 March – 24 March 2013 to give lectures on Computational Linguistics for the faculty of the University.
5. *Mukesh and Priti Chatter Distinguished Professor of History of Science*, **University of Massachusetts Dartmouth, USA**, 2009-2012.

Awards / Honors

1. Received the "**Datta Peetha Aasthaana Vidvana**" award for Sanskrit linguistics at the Shri Ganapati Sachchidananda Ashram Mysore on 26th May 2017
2. **KECSS Felicitation Award - 2016** for the revival and development of Sharada script by Kashmir Education, Culture and Science Society (KECSS), 26th Feb, 2016
3. **DAAD fellowship (Germany)** to teach Computational Linguistics at University of Wurzburg, Germany in 2014
4. Nominated to the **Editorial Board of Springer** for their journal *Language Resource and Evaluation (LRE)* since Feb 2010.
5. **Mukesh and Priti Chatter Distinguished Professor of History of Science** at University of Massachusetts Dartmouth, USA (2009-2012).
6. Evaluated as *Exceptional Programmer* by the HKUSA software director, 2002
7. Beckman Institute for Advance Science & Technology, University of Illinois *Research Assistantship* for advanced studies (Illinois, USA) 1998
8. Member of the prestigious Cognitive Science group at the University of Illinois (USA): 1997-1999
9. Ranked *Excellent Teacher* twice by students of Hindi at University of Illinois (USA) :1997,1998
10. University of Illinois Urbana-Champaign Teaching Assistantship for teaching Hindi language and linguistics to U.S. students: (Illinois, USA) :1997
11. Dept. of Psychology, University of Illinois, Urbana-Champaign *Research Assistantship* (summer 1997) to study schizophrenic speech (Illinois, USA) 1997

Projects

1. Vidyapati - Hindi to Maithili MT, Sponsored by MEITY, Govt. of India, 2023-26
2. Machine Translation Evaluation Platform (MTEP), Innovation Grant from UPE-II, JNU, 2017-19
3. Shallow Parser Tools (SP Tools) for Indian Languages - Maithili, as Director, funded under the Technology Development for Indian Languages (TDIL) program by the Ministry of Communications and Information Technology (MCIT), GoI, March, 2012 onwards
4. Indian Languages Corpora Initiative (ILCI) – phase 2, as Director and Consortium Leader, funded under the Technology Development for Indian Languages (TDIL) program by the Ministry of Communications and Information Technology (MCIT), GoI, 2012-16
5. Indian Languages Corpora Initiative (ILCI) – phase 1, as Director and Consortium Leader, funded under the Technology Development for Indian Languages (TDIL) program by the Ministry of Communications and Information Technology (MCIT), GoI, 2009-12
6. Developing Computational Tools For Sanskrit And Sanskrit-Hindi Machine Translation, as Director, funded under the Technology Development for Indian Languages (TDIL) program by the Ministry of Communications and Information Technology (MCIT), GoI, March 28, 2008-12
7. Online Multilingual Amarakosa: as Director: funded by JNU under UPOE program of UGC, 2005-07
8. Database system for dialects of Hindi (2002-03): as co-director: Under my supervision, a team of software engineers developed a VB-SQL server software for dialect mapping of Hindi, sponsored and run by MGAHU, New Delhi
9. ALED (Active Living Everyday) at Human Kinetics, USA: a dynamic content, interactive website for fitness management 2002: project manager and lead programmer
10. Internationalization project of CollaTech USA, e-solutions using JAVA resource bundles. Project involves making the source code compatible to the multilingual locales and languages, 2001
11. Database development project at the University of Illinois's Beckman Institute for Advanced Science and Technology, USA 1998-99: database programmer
12. Analyzing schizophrenic speech at Dept. of Psychology, University of Illinois, Urbana-Champaign, USA, 1997: Research Assistant
13. Developing technical terminology for Hindi (attended a series of workshops organized by Scientific and Technical Terminology Commission, Min. of HRD, 1994-96) and contributed in developing technical terminology for Hindi
14. Computer Assisted Sanskrit Teaching Learning Environment (DoE sponsored project at JNU 1991-94): Research Investigator

Consultancies

1. **Google** consultancy for studying bilingual speech variations (2021-2022)
2. **Google** consultancy for studying bilingual interactions in the NCR (2020-2021)

3. *Nuance Communications* consultancy for mobile keyboard for Indian languages (Feb-April 2016)
4. *Swiftkey* consultancy for mobile phones predictive keyboard for minor Indian languages (Jan-March 2015)
5. *EZ Data Intelligence* consultancy for research in smart text processors for medical domain, 2013-
6. *Microsoft Research, Redmond, USA* for *Machine Translation for Indian Languages*, July - August 2012
7. *Linguistic Data Consortium (LDC), University of Pennsylvania, Philadelphia, USA* for *narrow band data for language identification by computers*, January - April 2011
8. *Center of Indic Studies, University of Massachusetts, Dartmouth, USA*, for exploring scientific texts in Sanskrit, during summer vacation 2010-12
9. *Center for Development of Advanced Computing (CDAC), Pune* consultancy for Software Localization, 2007
10. *Microsoft Research India Lab, Bangalore* for their POS tagging project for Indic languages, November 2006-January 2007
11. *Microsoft India* on their project on Handwriting Recognition for Devanagari, February - June 2006
12. *Mahatma Gandhi International Hindi University, Wardha (then New Delhi)* on their Database system for dialects of Hindi project (2002-2003)

Supervision of Research Students

- M. Phil. - Supervised 46
- Ph.D. - Supervised 49 (5 in progress)

Invited Lectures/Talks (429)

429. "Academia, Industry and Government for language industry", panel discussion, CITLOB-FICCI annual samvad seminar, FICCI, Delhi, 31 Oct, 25
428. "AI, India Challenge and the road ahead", CITLOB-FICCI annual samvad seminar, FICCI Delhi, 31 Oct 25
427. "Indian languages, Sanskrit and NEP", MMTTC, JNU, 29 Oct 2025
426. "Cryptography and Methods in Sanskrit and AI", ", Rishihood University, Sonipat (online) 18 Oct 25
425. "Indian languages, Sanskrit and NEP", MMTTC, IGNOU, 15 Oct 2025
424. "Cyber and information security in AI", MMTTC, IGNOU, 14 Oct 2025

423. "AI in Linguistic Computing", National Seminar on AI, College of Vocational Studies, DU, at IHC, 8 Oct 2025
422. "Panini Grammar and AI", National Workshop on Sanskrit grammar (online), ARSD College, DU, 3 Oct 25
421. "Innovative approaches in skill development for future workforce", Elite Chamber of Commerce and Industry (ECCI) education conclave 2025 and vision 2047, Le Meridien, Delhi
420. "Complexity of Indian manuscripts - digitization and beyond", Gyan Bharatam International Conference, Ministry of Culture, Delhi, 13/9/25
419. "Designing Inter-disciplinary and Collaborative Research Projects", FDP, IGNOU, 10Sept 2025
418. "हिंदी और तकनीक – विकसित भारत की भाषा", पाणिनि व्याख्यानमाला - केंद्रीय हिंदी संस्थान, आगरा, २८ अगस्त, २०२५
417. *Methods in Sanskrit, linguistics and AI*, FDP, MMTC, JNU, 21 Aug 2025
416. *विकसित भारत की हिंदी*, वै.त.श.आ. गोष्ठी, भारत इलेक्ट्रोनिक्स लिमिटेड, गाज़ियाबाद ८ अगस्त २०२५
415. *Panini and AI –similarities in assumptions and methods*, MMTTC, Hindi University Wardha, 29July 2025
414. *AI and mass education in multilingual societies*, MMTTC, Hindi University Wardha, 27July 2025
413. *Multilingual Internet as a Catalyst for India's \$1 Trillion Digital Economy*, Panel discussion in "Bhashantar" Seminar, FICCI, 25 July 2025
412. *Language and Educational Technology for Multilingual Societies*, MMTTC, GNDU. Amritsar, 24July 2025
411. *Learning to use Learning Management Systems*, MMTTC, IGNOU, 17July 2025
410. *Educational Technology, e-learning and LMS*, MMTTC, IGNOU, 17July 2025
409. *Panini, Linguistics and AI – navigating interdisciplinary frontiers*, International conference, IIT Roorkee, 12 July, 2025
408. *Research in IKS and beyond*, Panel discussion in IKS International Conference, JNU, 11th July 2025

407. NEP2020 and Educational Technology, MMTTC, Hindi University Wardha, 7July 25
406. *Panini, Linguistics and AI – LLMs for multilingual societies*, MMTTC, Hindi University Wardha, 5July 25
405. *Research Methods in Sanskrit, Linguistics and AI*, lecture in “two-week certificate course in "Bharat Bodh.", LSR College DU, 18 June 25
404. “*NEP2020 and Integrating Sanskrit and IKS in Indian education*”, STRIDE, IGNOU, 2 May2025
403. “*Training AI models for Bharatiya Bhashayen - a proposal for Sanskrit LLM*”, CS Seminar, Deshbandhu College, DU, 22 Apr, 2025
402. “*Some Remarks on the Common Bhartiya Bhasha Family*”, National Seminar on “Bharatiya Bhasha Parivar, 12 Apr, 2025
401. “*Integrating Sanskrit studies in Contemporary Education*”, “Anubhuti”: national Seminar on IKS, Vivekanand Global University, Jaipur, 10 Apr 2025
400. “*AI and Language models: towards a robust Sanskrit LLM*”, Hansraj College (online), DU, 4 Apr 2025
399. “*Indian languages in digital era – Challenges and opportunities*”, Indian languages in digital era, FDP, IASE Churu, Rajasthan, 27 March 2025
398. “*AI, language models and Sanskrit LLM*”, CSU Jaipur seminar "Bhasha to Bytes...", 25 March, 2025
397. “*हिंदी@ २०४७ – कृत्रिम मेधा और हिंदी*”, राजभाषा कार्यशाला, राष्ट्रीय डेयरी विकास बोर्ड, आनंद, गुजरात, १७ मार्च, २०२५
396. “NEP and Indian languages”, NEP workshop, JNU HRDC, 11 March, 2025
395. “*Sanskrit and AI driven Technology for Multilingual Education*”, Panini Sanskrit and Vedic University, Ujjain, 8March, 2025
394. “*Domains and Big Linguistic Data – the case for a Sanskrit LLM*”, "ISI Kolkata Seminar, 6 March 2025
393. “*Information Technology for Heritage*”, Gyan Bharatam Mission, Ministry of Culture, NMM panel discussion on manuscripts, March 5, 2025
392. “*हिंदी और शैक्षणिक प्रौद्योगिकी*”, २-दिवसीय हिन्दी शिक्षण गोष्ठी, के.हि.सं. दिल्ली, १७-१८ फ़रवरी, २०२५

391. “Multilingual content and AI driven EduTech”, National Seminar, National Sanskrit University, Tirupati, 13 Feb, 2025

390. “कृत्रिम मेधा और हिंदी”, ३-दिवसीय राष्ट्रीय राजभाषा प्रशिक्षण, भा कृ आ प, ६ फ़रवरी, २०२५

389. “Introductory remarks”, in the book launch event of the book titled, “Who is raising your children...”, authored by Rajiv Malhotra and Vijaya Ramaswami at the JNU Convention Center, 3 Feb, 2025

388. “Panini grammar and AI in the Indian multilingual context”, JNU MMTTC, 24 Jan 2025

387. “CSTT and AI driven Educational Technology for Multilingual content creation in India”, National Seminar, Central Sanskrit University, Janakpuri 23 Jan, 2025

386. “AI driven Technology for Multilingual Education in India”, Maitreyi College, DU, MMTTC, 22 Jan, 2025

385. “Sanskrit, Linguistics and AI in a multilingual India”, International Conference on "Language Ecology and Literature", Magadh University Gaya, 16 Jan 2025

384. “Science in Vedas and Sanskrit”, - Youtube podcast, 14 Jan, 2025

383. “Methods in Sanskrit, Linguistics and AI”, BHU MMTTC 5 Jan 2025

382. “शब्दावली निर्माण, प्रौद्योगिकी और मानक: राजभाषा के सन्दर्भ में”, राजभाषा कार्यशाला, Pension Fund Regulatory and Development Authority (PFRDA), दिल्ली, 23 दिसंबर, 24

381. “AI/IKS driven Educational Technology for the i-Generation in India”, MMTTP, Tripura University, 27 Nov, 2024

380. “Modernizing Sanskrit : some calculated steps”, Lakshmibai College, DU, 26 Nov 2024

379. “संस्कृत वाङ्मय में विज्ञान – आज के संदर्भ में कैसे आगे बढ़ें”, संस्कृतभारतीदेहलीप्रान्तविद्वत्परिषदा आयोज्यते विशिष्टं व्याख्यानम्, Sanskrit Bharti Vidvat Parishad, No 24, 2024

378. “Digital Humanities and Resource Poor languages”, CARD - Center for Adiwasi Research & Development seminar on "Reclaiming Adiwasi roots..." 16 Nov 2024

377. “Technology for Education in India”, Center for Human Sciences, Rishihood University Seminar in IIT Delhi, 16 Nov 2024

376. “Using Vedic knowledge in current times”, Aryabhatta College, DU, 14 Nov, 2024

375. “Indian Knowledge System and Multilingualism in India”, UGC-MMTTC, Manipur University, Oct 28, 2024

374. “Sanskrit, Indian Knowledge System and AI”, UGC-MMTTC, Raipur University, Oct 19, 2024
373. *"Sanskrit Linguistics and AI"*, 17th Faculty Induction Program, UGC-MMTTC JNU SCSS, Oct 3, 2024
372. *"Language used in Digital media, mixing and translation quality"*, School of Translation Studies & Training, IGNOU, Sept27, 2024
371. *"Digital resources for promoting Indian languages"*, MMTTP, IGNOU, Sept26, 2024
370. *"Exploring procedural similarities between Sanskrit grammar and AI"*, Maitreyi College, Delhi University, Sept 9, 2024
369. *"Importance of Sanskrit and directions for its revival"*, Sanskrit Diwas, NCERT, Sept4, 24
368. *"Requirements for Educational Technology in India"*, VoIB - Voices of India and Beyond (VoIB) - International Conference Valedictory address - Hyderabad University & MANUU, Aug 30, 2024
367. *"विकसित भारत @2047 : AI और सर्वसमावेशी हिंदी"*, Rajbhasha Seminar, Bilaspur University, Aug 28, 2024
366. *Technical terminology and higher education*, Chinara Book Fair, National Book Trust, Srinagar, Aug 17, 2024
365. *Big (Linguistic) Data, Languages and Large Language Models in India*, Keynote in CIIL Foundation Day celebrations event, July 17, 2024, Mysore
364. *Big (Linguistic) Data, Languages and Large Language Models in India*, Agra University Summer School, July10, 2024
363. *शब्दावली आयोग और शब्दावली में परिवर्तन*, “भारतीय ज्ञान परंपरा और राष्ट्रीय शिक्षा नीति के परिप्रेक्ष्य में शब्दावली परिवर्तन”, उज्जैन विश्वविद्यालय, २७ जून, २०२४
362. *सर्व समावेशी हिन्दी और तकनीकी अनुप्रयोग*, Rajbhasha NSD, 2 June 2024
361. *Digital Humanities for promotion of Bharatiya Bhashayen*, HRDC, IGNOU, 30 May 2024
360. *The need for common Bhartiya Bhasha family*, Seminar on Bharatiya Bhasha Parivar, CIIL Mysore, 28 May 2024 (online)

359. *Concept note on the chairing the session on “Indian knowledge Tradition”, Brainstorming workshop on “Indian Culture : a brand and a power”, Bharat Mandapam, Pragati Maidan, Delhi, 6 May, 2024*

358. *Hindi and its varieties in Delhi-NCR – challenges for technology adoption, FDP for Andhra teachers, UGC-MMTC, JNU, 26 Apr, 2024*

357. *हिंदी में तकनीकी अनुप्रयोग, FDP for Andhra teachers, UGC-MMTC, JNU 26 Apr 2024*

356. *Digital humanities and resources for Sanskrit, FDP for Andhra Govt teachers, UGC-MMTC, JNU, 23 Apr, 2024*

355. *Sanskrit, Linguistics and AI – methodological congruence in a diverse Indian context, Dept of Humanities and languages, FLAME university, 29 March 2024 (online)*

354. *Sanskrit, Linguistics and AI based Translation, National Seminar on "Translation through Tools - Advantages and challenges", Central Sanskrit University, Delhi, 27 March 2024*

353. *Methods in Sanskrit, Linguistics and AI, "Methods in Sanskrit, Linguistics and AI", Refresher Course in Indian Languages, Pondicherry University, 16 March 2024*

352. *Language and Educational Technology in India in the context of IKS, "Language and Educational technology for India", FDP, NIEPA, 2 March 2024*

351. *Sanskrit, Panini and AI – Indian multilingual context, "Sanskrit Panini and AI - Indian context", Netaji Subhash University of Technology, Delhi, 29 Feb 2024*

350. *Story of Sanskrit, Panini and AI, IGNCIA-ISS-TOHRI lecture series on “Viksit Bharat @2047”, Institute of Social Sciences (ISS), Vasant Kunj, Delhi, 28 Feb 2024*

349. *Sanskrit in Bharat today, "समकालीन भारत में संस्कृत", चर्चा गोष्ठी, नई दिल्ली विश्व पुस्तक मेला, १६ फ़रवरी, २०२४*

348. *Future directions for Sanskrit revival, international conference on revival of Sanskrit, Auroville, Pondicherry 7 Feb, 2024*

347. *Technology for Bharatiya Bhashayen – challenges and opportunities in Mass Education, Dept of Linguistics, Guwahati University, 30 Jan, 2024*

346. *Linguistic Sciences and Resource Creation for NLP/AI, Winter school, ICFOSS, Trivandrum 29 Jan 2024*

345. *The need for common Bhartiya Bhasha family, Indica online seminar, 28 Jan, 2024*

344. *Emerging areas in Language studies and resource creation for NLP*, online mode, Refresher Course, Devi Ahilya Vishva Vidyalaya (DAVV), Indore, 19 Jan, 2024
343. *NLP and AI – the Indian context*, Refresher Course, Devi Ahilya Vishva Vidyalaya (DAVV), Indore, 19 Jan, 2024
342. *Content creation in Indian languages – need for technology*, Workshop on content creation, BBS, 10 Jan 2024, Delhi
341. *Language and educational technology in India*, Sanskrit refresher course, UGC-MMTC, JNU, 10 Jan 2024
340. *कृत्रिम मेधा के युग में हिंदी*, “हिंदी कार्यशाला”, राजभाषा एकक, जे.एन.यू., १५ दिसंबर, २०२३
339. *AI for multilingual education in India*, FDP, Anna University Chennai (online), 15 Dec 2023
338. *कृत्रिम मेधा के युग में भारतीय भाषाएं और हिंदी- अवसर और चुनौतियां*, Seminar on “हिंदी पाठ्यक्रम में भारतीय ज्ञान परंपरा रा.शि.नी के संदर्भ में”, Vidya Bharati, IGNOU, IUAC, CHD, 14 Dec, 2023, IUAC, Delhi
337. *Methods in Sanskrit Linguistics and AI*, 15th FDP, UGC-MMTC, JNU, 14 Dec 2023
336. *Role and functions of CSTT*, Department of Biotechnology, GOI, 30 Nov 2023
335. *Computational Linguistics and its methods in the Indian context*, 6th Refresher course in research methodology, UGC-MMTC, JNU, 30 Nov 2023
334. *NEP and technology integration for Indian Languages*, "NEP and technology integration for Indian Languages", School of Languages, Kanpur University, (online), 21 Nov 2023
333. *Language and Educational Technology: Challenges for multilingual societies*, "भारतीय भाषाओं के अंतरसंबंध", राष्ट्रीय गोष्ठी, भारतीय प्रगत अध्ययन संस्थान (IIAS), शिमला, ७ अक्टूबर, २०२३
332. *Training AI models through Bharatiya Bhasha (BB) Datasets*, Panel on “Bhartiya Bhasha Technology THROUGH Bharatiya Bhasha”, “Summit on Technology and Bhartiya Bhasha”, MOE/GOI, 30 Sept 2023
331. *भारतीय भाषाएं, तकनीकी शब्दावली और कृत्रिम बुद्धि (AI)*, हिंदी पखवाड़ा, भाषा संस्थान, कानपुर विश्वविद्यालय, ११ सितंबर, २०२३
330. *हिंदी, तकनीकी शब्दावली और कृत्रिम मेधा*, Central Road Research Institute (CRRI), Delhi, 31 Aug 2023

329. *Sanskrit and Computing Technologies – an overview*, Sri Sri University Cuttack FDP 9 Aug 2023

328. *संस्कृत और कृत्रिम प्रज्ञान संबंधी बहुविषयक शोध: भारत की आवश्यकताएं*, HRDC, BHU, 5 Aug 2023

327. *Bharat Centric R&D in Language and Educational Technologies*, National Seminar on "Bharat Centric Research", Central University of Jammu, 3 Aug 2023

326. *Sanskrit and Computational Linguistics/AI*, PG Dept of Sanskrit, Jammu University, 2 Aug 2023

325. *संस्कृतप्राकृतिकभाषासंसाधनकृत्रिमप्रज्ञाञ्चः प्रविधिगतसाम्यम्*, "संस्कृतसमुन्मेषः" त्रिदिवसीय-राष्ट्रिय-संस्कृत-सम्मेलनम्, राष्ट्रिय-संस्कृत-विश्वविद्यालयः, तिरुपति, १३ जुलै २०२३

324. *Methods in Linguistics, NLP/AI – the Indian context*, Summer School in Linguistics, CIIL Mysore, 30 June 2023 (online)

323. *Education in Indian languages – using technology and beyond*, Dept of School Education, MoE Panel on FLN, Savitri Bai Phule University, Pune, 17 June 2023

322. *Challenges in methodological innovations – the context of Linguistics and NLP/AI in India*, Summer school in NLP, ICFOSS, Trivandrum, 20 May 2023

321. *Language and educational technology for multilingual India*, University Extension Lecture, AMU, 14 May 2023

320. *Acharya Raghuvira and CSTT*, BBS seminar on Raghuvira and CSTT, 1 May 2023, Delhi

319. *Policy Initiatives for Promoting Usage of Correct Devanagari Scripts in Textbooks*, WAHA conference, Manav Rachna University, 9 Apr, 2023

318. *रा.शि.नी. (NEP) और भारतीय भाषाओं में शिक्षण की चुनौतियां*, Hansraj College conclave on Education, Vigyan Bhavan, 24 March 2023

317. *Resource Creation for NLP/AI*, Workshop on annotation, Vidyapati MT Project, JNU, 23 March 2024

316. *Vedic literature in libraries*, Seminar on “वैदिक एवं पौराणिक साहित्य की पुस्तकालयों में अनिवार्यता”, Hansraj College, DU, 20 March 2023

315. *Methods in Linguistics, NLP/AI – the Indian context*, "National Conference on Language and Linguistics (NCLL)", Tezpur University, 18 March 2023

314. *संस्कृत और कृत्रिम-प्रज्ञान – प्रविधिगत साम्य*, त्रिदिवसीया राष्ट्रिया कार्यशाला, संपूर्णानन्द संस्कृतविश्विद्यालय, १६/३/२०२३ (online)
313. *Sanskrit, Linguistics and AI in multilingual India*, Lecture Series on "Personality Development through Sanskrit", IIT Roorkee, 6 March 2023
312. *Methods in Sanskrit, Linguistics and AI – challenges from the Indian context*, International Conference on "Culture, Cognition and Globalization: the viability of languages", IIT Patna 5 March 2023
311. *The Story of Sanskrit*, capacity building in History, UGC-MMTC, JNU, 1 March, 2023
310. *शैक्षणिक और भाषा प्रौद्योगिकी– बहुभाषिक समाज की चुनौतियां*, Seminar on “भारतीय भाषा माध्यम में उच्च शिक्षा”, Dept of Punjabi, DU, 28 Feb 2023
309. *Story of Sanskrit (.....and its difficult reading)*, Dept of History, Satyavati College, 21 Feb 2023
308. *Philosophy Science and Technology from an AI perspective*, Seminar on Indian philosophy, Central Sanskrit University, Devprayag Campus, 16 Feb 2023 (online)
307. *Resource creation for NLP*, Winter school, ICFOSS, 16 Feb, 2023
306. *भाषा, भाषाविज्ञान और कृत्रिम प्रज्ञान (AI)*, Hindi lecture series, CDAC Pune, 23 Dec 2022 (online)
305. *Methods in Sanskrit Linguistics and AI*, 5th Refresher course in Sanskrit, HRDC, JNU, 22 Dec 2022
304. *Sanskrit and linguistic studies in India*, "विश्वगुरु भारत", द्विदिवसीय राष्ट्रीय गोष्ठी 13-14 दि.2022, आर्यभट्ट कॉलेज, दि.वि.वि.
303. *Policy Initiatives for Promoting Usage of Correct Devanagari Scripts in Textbooks*, Seminar on translation (online), MGAHU, 12 Dec 2022
302. *Indic, Sanskrit, Linguistics and Education*, Indic linguistics and education", Refresher course in IKS, HRDC, DAV Indore 26 Nov 2022 (online)
301. *Digital Humanities for Indian languages*, Refresher course, HRDC, Jamia Millia Islamia, 8 Oct 22
300. *Tutorial on lexicography, Workshop on Lexicography, CSTT-CHD, Delhi*, 18 Oct 2022

299. *Technology resources for Indian languages – a quick update*, “Samvad India” international conference, CITLOB, 30 Sept22

298. *संगणकीय भाषाविज्ञान में प्रविधिगत नवाचार*, Sanskrit Saptah, Mumbai Unniversity, 28 Sept 22

297. *Digital Humanities and Big Linguistic Data Processing for Indian languages*, in Short term course on “Text Analysis and pedagogy”, LPU, 27 Sept 22

296. *IT applications for Indian Heritage*, Society for Empowerment, 25 Sept 22

295. *Digital Humanities and language technology for Language preservation and promotion*, राजभाषा महोत्सव मास, ICAR, 12 Sept22

294. *NEP and emerging educational technologies in the Indian multilingual context*, Refresher course, HRDC, Ranchi Women's college, 8 Sept 22

293. *राष्ट्रीय शिक्षा नीति और भारतीय भाषाओं में प्रौद्योगिकी विकास*, Seminar on NEP, Hansraj College, DU 5 Sept 22

292. *Digital Humanities for Language, Literature and Culture Studies*, Refresher course, HRDC, Kumaon University 3 Sept22

291. *संस्कृत और कृत्रिम-प्रज्ञान – प्रविधिगत नवाचार*, MGAHU, Wardha, 27 Aug 22

290. *NLP and its methods in the Indian context*, CS Dept, IP College, DU, 24 Aug22

289. *NEP2020 and technology support for Indian languages*, CUH, Mahendragarh, Haryana, 23 Aug 22

288. *संस्कृत और कृत्रिम प्रज्ञान – बहुविषयक दृष्टि*, CPDHE, Delhi University 18 Aug 22

287. *AI driven educational technology for Multilingual India*, 61st Lecture in "Azadi ka Amrit Mahotsav", IGNOU 29 July 22

286. *Emerging Educational technologies for multilingual societies*, Punjabi University Patiala 16 July 22

285. *Future roadmap on outcome based education accessible in Indian languages*, Panel discussion in "Conclave on NEP", AICTE, 15 July 2022

284. *Some remarks on origin of Indian languages and language families*, Live interview on my earlier paper by Indica group on 10 July, 2022

283. *AI and India – methods, challenges and opportunities*, Vidya Bharati Ucha Shikshan Sansthan, Jammu University Unit, 29 June 2022

282. *e-learning theories and practices for multilingual societies*, Five-day FDP, Amity University, Noida 27 June 2022
281. *Sanskrit and AI*, Bharatiya Shikshan Mandal Research Group, Aryabhata College, DU, 19 June 2022
280. *Commission for Scientific and Technical Terminology*, SPM College, DU, 18 June 2022
279. *Panini's Grammar and Computer Science*, Workshop on "Computer Science/IT in the light of NEP2020 & Indian Knowledge Systems", NIT Kurukshetra 25 May 2022
278. चुनाव प्रबंधन में मीडिया शोध की भूमिका, एक दिवसीय राष्ट्रीय संगोष्ठी, महात्मा गांधी अंतरराष्ट्रीय हिंदी विश्वविद्यालय, वर्धा (क्षेत्रीय केंद्र, प्रयागराज), 18 May, 2022
277. *Resource creation for NLP*, Summer School, ICFOSS, Trivandrum, 16 May 2022
276. *Panel discussion on Moriz Winternitz*, Austrian Embassy, 25 April 2022
275. *Resource creation for NLP*, HRDC, Allahabad University, 16 April 2022
274. *Panini's kāraka system and challenges for computing*, Online Cardamom Seminar Series National University of Ireland, Galway, 31 March 2022
273. *Maithili language – where are we in digital age*, Two day online lecture series on "Indianness in indigenous languages", SL, JNU 25-26 March 2022
272. संगणकीय संस्कृत (Computational Sanskrit), संगणकीय संस्कृत, दिल्ली संस्कृत अकादमी, १२ मार्च, २०२२
271. *Digital Humanities*, "Online training program on Research Methodology in Language, Literature, and Culture – Santali", ERLC, Bhubaneswar, 11 March 2021
270. *Resource Creation for AI – Challenges for Multilingual Societies*, National Seminar on "AI: The Next Generation of Computing", CS Dept, SPM College DU 11 March 2022
269. *Computational Linguistics, Digital Humanities and Sanskrit Manuscripts*, Workshop on Manuscriptology, Shri Lalbahadur Shastri Central Sanskrit University, Delhi 7 Feb2022
268. *Methods in Linguistics, Panini and Language Processing*, Keynote in the valedictory session of "Certificate Program in Paninian Linguistics", Panini Edu Trust, 6 March 22
267. *Resource creation and management for Indian Language Technology*, 5-day International Workshop on "SPEECH AND LANGUAGE TECHNOLOGY", Dept of Hindi, Kerala University, 24 Feb2022

266. *मानक हिंदी और दिल्ली* (with Shiladitya Bhattacharya, Devendr Kumar and Rahul Tiwari), Organized by JNU Hindi Unit on Mother Tongue Day, 21 Feb 2022
265. *Hindi and its flavors – a study of varieties used in Delhi/NCR* (with Shiladitya Bhattacharya, Devendr Kumar and Rahul Tiwari), NLU group, Google, Online, 17 Feb 2022
264. *Digital Humanities and Indian languages*, 1st Refresher in Indian languages, HRDC JNU, 16 Feb 2022
263. *Language Technology in India*, FIP-VIII, HRDC, JNU, 15 Feb 2022
262. *Panini's contribution to linguistics*, Keynote talk in "Sphot" program of Sarathi.AI 1Feb 2022
261. *Digital Humanities and Indian languages*, Online Training Program, Eastern Regional Language Center (ERLC), Bhubaneswar, 22 Dec2021
260. *Current Trends in Maithili Computational Linguistics*, Intl Symposium on "Language Mapping of Maithili: Beyond the Boundaries", organized by CSTS and CIIL, 12 Dec 2021
259. *Story of Sanskrit*, 6th Refresher in Sanskrit, HRDC, JNU 23 Nov 2021
258. *Indian languages, Sanskrit and Computational Linguistics*, FDP on "Bharatiya Bhashaen - dasha aur disha", Deshbandhu College, DU, 27 Oct 2021
257. *साइबर सुरक्षा में कृत्रिम प्रज्ञान (AI) और प्राकृतिक भाषा संसाधन (NLP)*, Keynote speech in the "Webinar on Cyber Security", Mahatma Gandhi International University, Wardha, 25 Oct,2011
256. *Resource Creation for AI driven e-learning in Multilingual Communities*, 4th Refresher Course in Elearning and egovernance, HRDC, JNU, 22 Oct 2021
255. *E-learning theories, solutions and CBPs for multilingual societies*, 4th Refresher Course in e-learning and e-governance, HRDC, JNU, 18 Oct 2021
254. *Digital Humanities for Language Literature and Culture Studies*, International Bilingual Webinar on Tribal Lifestyle (IBWTL), Organized by Jadavpur University, Surendranath College, Society for Natural Language Technology Research (SNLTR), VIT Bhopal University, Online, 25 Sept 2021
253. *Indic internet: The grand India challenge and opportunities for Universal Acceptance*, Special address, Pre - India IGF 2021 Session on "the Changing Landscape of Indic-Internet and Importance of Universal Acceptance", 14 Sept 2021, Organized by FICCI, Online
252. *Sanskrit in Computational Linguistics: realizing Independent India*, "India 75@75", Facebook live interview by TCN Media, 8 Sept 2021

251. Language Technology – the road ahead in India, ABVSME, JNU, 1 Sept 2021
250. Methods and models in Sanskrit Computational Linguistics, Sanskrit refresher HRDC, BHU, 1 Sept, 2021
249. *Newer dimensions of Sanskrit Studies, Sanskrit Education-Possibilities and Challenges*, Govt College Trivandrum, 25 Aug, 2021
248. *Resource creation for ML in Language Processing*, Faculty Development Program, IIIT, Noida, 28 June 2021
247. *Computational Linguistics, Sanskrit and Linguistics - Methods, models and resources*, Keynote in Online Workshop on "Computational Sanskrit and Linguistics", GMC College Ambala 25 June 2021
246. *Big Linguistic Data and the grand Indian challenge*, Language Resource and AI in Indian languages, CIIL, 15 June 2021
245. *Sanskrit and Indian languages: methods in technology development*, Certificate Course on "Applications of Digital Tools in Teaching & Learning Indian Languages", Maitreyi College, DU 18 Apr 2021
244. *History of Sanskrit Language*, Refresher in History, HRDC, JNU, 18 March 2021
243. *Methods models and resources in Computational Linguistics and AI*, International Symposium, Linguistics Dept, Central University of Rajasthan, 17 March 2021
242. *Computational Linguistics and Sanskrit*, Keynote in Online National Certificate Course on "Computational Resources and Applications for Sanskrit", Kamla Nehru College, DU, 15 March, 2021
241. *Computational Linguistics/NLP – methods and resources*, 2nd STC in "Computational Techniques and Research Methodology", HRDC JNU, 2 March 2021
240. *राष्ट्रीय शिक्षा नीति और ई-शिक्षण*, “राष्ट्रीय शिक्षा नीति 2020:भाषा एवं साहित्य” वसंत महिला महाविद्यालय (वाराणसी), बनारस हिंदू युनिवर्सिटी
239. *E-learning and academic leadership in the post-corona world*, 2nd Short Term Course in "Academic Leadership & Resource Management", HRDC JNU, 9Jan 2021
238. *Linguistics, Sanskrit and Computational Linguistics - methods and models*, International Webinar on "Computational Linguistics", GMN College, Ambala 10 Feb 2021
237. *Resource Creation for Natural Language Processing (NLP)*, Winter School for Women 2021, ICFOSS, Trivandrum, 8 Feb, 2021

236. *Natural Language Processing (NLP) in Cyber Security*, Chief Guest talk in AICTE (ATAL) FDP in Cyber Security, Mahatma Gandhi Antarrashtriya Hindi University, Wardha, 8 Feb, 2021
235. *Natural Language Processing (NLP) and Computational Linguistics (CL) – methods, models and resources*, Winter School for Women 2021, ICFOSS, Trivandrum, 5 Feb, 2021
234. *E-learning concepts and practices in multilingual societies*, FIP, HRDC, JNU, 29 Dec, 2020
233. *E-learning theories and practices in multilingual societies*, TEQUIP, IIT Roorkee, 14 Dec, 2020
232. *Resource creation for NLP in legal domain*, Symbiosis Law School, Pune, 20 Nov, 2020
231. *Research methods in Linguistics and Computational Linguistics*, Refresher Course in Research Methods, HRDC, JNU, 23 Oct 2020
230. आधुनिक भाषाविज्ञान में पाणिनि और चॉम्स्की, वेदविज्ञान व्याख्यानमाला- २१, संपूर्णानन्द संस्कृत विश्वविद्यालय, वाराणसी, २२ अक्तूबर, २०२०
229. *Resource Creation for AI driven e-learning in diverse societies*, 3rd Refresher Course in E-learning E-Governance, HRDC JNU, 14 Oct 2020
228. *AI in e-learning*, 3rd Refresher Course in E-learning E-Governance, HRDC JNU, 7 Oct 2020
227. *e-learning: theories concepts and practices*, 3rd Refresher Course in E-learning E-Governance, HRDC JNU, 6 Oct 2020
226. “*AI in e-learning*” in “Short term course on e-learning” organized by HRDC, JNU, 29 Aug 2020
225. “*e-learning: theories, concepts and practices*”, in “Short term course on e-learning” organized by HRDC, JNU, 24 Aug 2020
224. “*Indian Languages, Computational Linguistics and Sanskrit*”, Sanskrit Department, Bankura University, 6 Aug 2020
223. “*Newer dimensions of research and job opportunities in Sanskrit studies*”, Shresth Kala Sangam talk on “Sanskrit Diwas”, 3 Aug 2020
222. “*Computational Linguistics for Sanskrit*”, Facebook Live lecture organized by “Sanskrit Shaurya”, 18 July 2020
221. “*Sanskrit and Artificial Intelligence*”, Online keynote talk, SD College Ambala, 16 July 2020
220. “*Challenges in Panini Computing*”, 7-day international workshop on Text and music digitization, Rabindra Vidyalaya, Champadanga, Hoogly, 15 July 2020

219. *“Sanskrit and other Indian languages resources for ML based tech development”*, Keynote in ACM Summer workshop, Indira Gandhi Delhi Technical University, 4 July 2020
218. *“Panini and AI”*, Kanad Lecture Series, Himachal Pradesh Central University, 27 June, 2020
217. *“Development Deployment and Hosting of e-learning Systems for India–concepts and practices”*, talk in webinar organized by “Special Center for e-learning”, JNU, 11 June 2020
216. *“Java/JSP Programming Language & Sanskrit-Java Interface”*, Lecture in Online Workshop on "Digitization and Development of e-resources for Sanskrit", with Kabi Khanganba, 2 June 2020, Jointly organized by JNU and DU
215. *“OCR and related technologies”*, Lecture in Online Workshop on "Digitization and Development of e-resources for Sanskrit", 1 June 2020, Jointly organized by JNU and DU
214. *“Sanskrit & Digital Modes of Education”*, Lecture in Online Workshop on "Digitization and Development of e-resources for Sanskrit", 31 May 2020, Jointly organized by JNU and DU
213. *“Corpora, Machine Learning and Statistical methods”*, Lecture in Online Workshop on "Digitization and Development of e-resources for Sanskrit", 30 May 2020, Jointly organized by JNU and DU
212. *“Panini and Formal Methods in Linguistics”*, Lecture in Online Workshop on "Digitization and Development of e-resources for Sanskrit" with Shiladitya Bhattacharya, 28 May 2020, Jointly organized by JNU and DU
211. *“Computational Linguistics and Sanskrit”*, Lecture in Online Workshop on "Digitization and Development of e-resources for Sanskrit", 27 May 2020, Jointly organized by JNU and DU
210. *“Technologies for Online learning for Indian languages- fundamental concepts & methods”*, keynote webinar organized by SD College Ambala and KM Vidyalay, Jalandhar, 28 May 2020
209. *“Technologies and methods for Online Sanskrit learning”*, keynote webinar organized by Janki Devi Memorial College, Delhi University, 22 May, 2020
208. *“NLP in legal domain – where are we in India”*, keynote webinar organized by Law College, Vinoba Bhawe University, Hazaribagh, 21 May, 2020
207. *“Introduction to Computational Linguistics”*, keynote talk in a national webinar organized by KMV, Jalandhar, 17 May 2020
206. *“Unlocking full potential of legal data”*, panel discussion organized by Agami Inc, Omidyar Network, 15 May 2020
205. *“Technology for Online Sanskrit learning: Development, Deployment and Delivery Environments”*, talk in a national webinar organized by Kavi Kulaguru Sanskrit University, Ramtek, 2 May, 2020

204. “*Developing end-to-end e-learning solutions for diverse societies*”, Yogyakarta State University, Indonesia, 28 Feb 2020
203. “*Computational Linguistics for e-education*”, Yogyakarta State University, Indonesia, 28 Feb 2020
202. “*ICT based learning culture – experiences from Indian universities and JNU, ICT based learning culture – experiences from Indian universities and JNU*”, Yogyakarta State University Indonesia, 28 Feb 2020
201. “*Linguistic Data Driven Language Technology in multilingual societies*”, Udayana University, Bali, Indonesia, 26 Feb, 2020
200. “*Sanskrit today and tomorrow – exploring newer contours*”, LangFest-2020: International Conclave on Mother Language (AMARI BHASHA PATHE-VI), Constitution Club of India, New Delhi on Feb20-21, 2020
199. “*AI in wilderness – perils of linguistic computing in diverse societies*”, 1st G L Kaul Memorial Lecture, Dept of CS & IT, Jammu University, 10 Feb, 2020
198. “*Digital Humanities - challenges and opportunities in India*”, IIT Roorkee, 4 Feb, 2020
197. “*Semantic roadblocks in Computing Panini*”, IIT, Patna, 30 Jan 2020
196. “*Big (Linguistic) Data and Heritage Computing*”, Vigyan Manthan Lecture Series, JNU, 22 Jan 2020
195. “*Computational Linguistics in India*”, Orientation Course, HRDC, JNU, 21 Jan, 2020
194. “*Big (Linguistic) Data and challenges for Indian language technology*”, NLP Winter school, ICFOSS, Trivandrum, 13 Jan, 2020
193. “*Computational Linguistics and SOIL (Sanskrit and Other Indian Languages)*”, Refresher Course, Jammu University, Dec 23, 2019
192. “*Computational Linguistics for Sanskrit*”, Refresher Course, Jammu University, Dec 23, 2019
191. “*Eco-coop and AI- an India-Korea hussle*”, International Symposium on "Korea-India partnership for coexistence", Ahmadabad, Nov 30, 2019 Organized by CKS, JNU and HRDC Ahmedabad University
190. “*SOIL-Tech: Sanskrit and Other Indian Languages Technology*”, 2nd Refresher course in Sanskrit, HRDC, JNU, Oct 23, 2019
189. “*Layers of annotation and Challenges in annotating Classical languages*”, Digital Corpus of Sarala Mahabharata, Ravenshaw University, Oct 18, 2019
188. “*E-learning –concepts and nuances of application development in the Indian context*”, Refresher course on e-learning, HRDC, JNU, Oct17, 2019

187. "Fundamental *Questions in Formal Linguistic Theories – A comparison of Panini and Chomsky*" (via Skype), in ICPR sponsored seminar on "Critique of Indian & Western Questioning Tradition", SD College Ambala, Oct5, 2019
186. "*The art (and science and commerce) of selling yourself (resume writing and job interviews)*", JNU Placement cell, 24 Sept 2019
185. "*Computational Linguistics and India*", 18th Refresher course in CS & IT, HRDC, JNU, 20 Sept, 2019
184. "*If E-learning is difficult, doing it in India is more so*", Refresher course on e-learning, HRDC, JNU, 20 Aug 2019
183. "*Nuances of Linguistic Computing and Big (Linguistic) Data in India*", National Seminar on Linguistics and Language Sciences in India- (NASLILANSI-2019) & workshops on forensic and corpus linguistics, Center of Linguistics, JNU, 9 Aug 2019
182. "*Big (Linguistic) Data and challenges for Indian Language Technology*", Golden Jubilee talk at CIIL Mysore, 17 July 2019
181. "*Indian Languages in the Age of IT*", IYIL-2019 Symposium, Suryaa Hotel, Delhi, 29 June 2019
180. "*Language technology @JNU*", FICCI-ILIA meeting at MEITY, 25 June 2019
179. "*Information Technology Applications for Sanskrit & Indic Studies*", Charleton College of Business, University of Massachusetts, Dartmouth, MA, USA, 8 May 2019
178. "*Computational Linguistics for Sanskrit & Indic Studies*", Gurukul Kangri University, Haridwar, 27 Apr, 2019
177. "*E-Learning in India in the Context of Open Source Resources*", Workshop on E-learning, HRDC, JNU, 18 March 2019
176. "*E-Learning: Concepts, Development and Delivery Platforms*", Workshop on E-learning, HRDC, JNU, 18 March 2019
175. "*Resource creation for Indian Languages*", Bharat NLP - Niti Ayog workshop, IIT Delhi 30 March 2019
174. "*Information Technology (IT) Applications on Sanskrit and Other Indian Languages (SOIL)*", HRDC JNU Orientation Course, 12 March, 2019
173. "*Sanskrit today – planning confident steps in the right direction*", Sanskrit Dept, Amity University, 22 Feb, 2019
172. "*भारतीय भाषाओं का संरक्षण और संवर्धन तकनीकी युग में*", Plenary talk on Mother Tongue Day at Deshbandhu College, DU, 21 Feb, 2018

171. *"AI in wilderness – the perils of linguistic computing in India"*, HRDC Refresher course, JNU, 19 Feb 2019
170. *"Panini's model and its cross linguistic and cross disciplinary applications"*, HRDC Sanskrit Orientation, JNU, 11 Feb 2019
169. *"Computational Linguistics, Digital Humanities and Challenges in Sanskrit Computing"*, HRDC Refresher course, JNU, 22 Jan 2019
168. *"Information Technology (IT) for Sanskrit and Other Indian Languages (SOIL)"*, HRDC Refresher course, JNU, 22 Jan 2019
167. *"Digital Humanities and Computational Linguistics for Sanskrit"*, Plenary talk at Bharati College, DU, 19 Jan, 2019
166. *"Sanskrit, Technology and value education"*, International conference on "Human Qualities and Values for Sustainable Higher Education", Goa University, 13 Dec 2018
165. *"Language Technology and India"*, Mahatma Gandhi International Hindi University, Wardha 25 Oct 2018
164. *"Language Technology for Indian Languages"*, HRDC Refresher course, JNU, 9 Oct 2018
163. *"Om – the non dual universal linguistic formalism"*, Plenary talk in World Parliament of religion, 3 Oct 2018
162. *"Computational Linguistics for Sanskrit"*, lecture in Research Methodology course of School of Sanskrit and Indic Studies, JNU, 1 Oct 2018
161. *"LT Resource Crunch - challenges and opportunities for South Asian Languages"*, Keynote in International Conference on Bangla Speech and Language Processing, Shahjalal Institute of Science & Technology (SUST), Sylhet, Bangladesh, 21 Sept 2018
160. *"Language Technology Resource (LTR) creation for Sanskrit and Other Indian Languages (SOIL)"*, Dept of Sanskrit, Jamia Millia Islamia University, New Delhi, 14 Sept, 2018
159. *"Language Technology Resource Creation for resource poor languages"*, DIAL2018, Vishvabharati, Shantiniketan, 9 Sept 2018
158. *"Language Literature and Culture Studies in the Age of IT"*, HRDC Refresher course, JNU, 28 Aug 2018
157. *"Consider MS in Computational Linguistics @JNU"*, Lecture to Engineering students' orientation, JNU, 7 Aug 2018
156. *"Origin and Development of Hindi"*, Lecture to Korean students, SLL&CS, JNU, 6 Aug 2018

155. "*Panini's contribution to linguistic analysis and formal models*", Plenary talk in International Conference on "Actuating Indic Studies for a better world", Amity University, Gurugram, 2 Aug 2018
154. "*Indian Language Technology Services Industry-The Present and the Future*", Panelist in FICCI sponsored seminar on Bhashantara, 30 July 2018, New Delhi
153. "*Languages, language policy and language education in India*", Uberoi Foundation USA Teachers' Orientation, JNU, 11 July 2018
152. "*NLP is difficult and doing it in India is more so (barriers of NLP research in India)*", FICCI-ILIA workshop, New Delhi, 26 June 2018
151. "*Language Technology Resource Development and the Big (Linguistic) Data Complexities*", Plenary at JP Institute, Noida, 27 Apr 2018
150. "*Sanskrit and AI*", National workshop on "critique of ambiguity in Sanskrit shastras & Artificial Intelligence/Machine Translation, SD College, Ambala, March 10, 2018
149. "*Digital Humanities and technology Development for Indian languages*", National Seminar on Translation, Maulana Azad national Urdu University, Hyderabad, Feb 27, 2018
148. "*Language Literature and Culture Studies in the age of IT*", in an international seminar on "ICT for language learning - trends issues & challenges", St Ann's College, Hyderabad, Feb 22, 2018
147. "*Digital Humanities and technology Development for Indian languages and heritage*", LIPI, LITERATURE Conference, Ravenshaw University, Cuttack, Odisha, Feb 3, 2018
146. "*India's diversity: challenges for Big Linguistic Data and Language Informatics*", keynote speech at Uva Wallessa University, Sri Lanka, 1 Feb, 2018
145. "*Script language and Digitization*", Daulat Ram College, Delhi University, 26/12/2017
144. "*Resource Creation for Indian Language Processing*", Plenary talk in a workshop on "Recent Trends in NL & Speech Processing", Ambedkar Institute of Advanced Communication Technology Research, Delhi, 12/12/2017
143. "*Language Technology Resource Creation - the Big Linguistic Data Challenge of India*", Plenary talk in 39th ICOLSI, IIT Patna, 9/12/2017
142. "*Big Linguistics Data and India Challenge*", plenary talk in a seminar "Intelligence and Interactive Design", organized by Samsung India Research Network, Bangalore, 24/11/2017

141. *"Language Technology Resource Creation for Indian Languages"*, Inaugural lecture in the "Lecture by Eminent Personalities" series organized by TRAI, New Delhi, 21/11/2017
140. *"Digital Humanities, Computational Linguistics and India"*, lecture at HRDC, JNU, 8/9/2017
139. *"India's Ancient Wisdom - handle with care"*, invited panelist in Chinmaya Vishva Vidyapeeth, Kaladi, 12/6/2017
138. *"Automatic Translation of Ancient Sanskrit manuscripts - Roadblocks for Human Language Technology"*, plenary talk in 23rd International Vedanta Congress, University of Massachusetts, Dartmouth, 13/8/2017
137. *"Computational Sanskrit"*, CPDHE, Delhi University, 4/7/2017
136. *"The Future of Identity, Language and Technology in India"*, Panel discussion for NDTV organized by Swiftkey (Microsoft), Hyatt Regency, New Delhi, 23/6/2017
<https://gadgets.ndtv.com/videos/sponsored-swiftkey-the-future-of-identity-language-and-technology-463032>
135. *"Globalization, IT and Sanskrit"*, Satyavati College, Delhi University, 19/4/2017
134. *"Big Linguistic Data and India challenge"*, School of Computational and Integrative Sciences, JNU, 11/4/2017
133. *"Sanskrit and Computational Linguistics - Challenges and possibilities"*, PGDAV college, Delhi University, 31/3/2017
132. *"Sanskrit and Natural Language Processing - Challenges and Possibilities"*, Dept of Sanskrit, Kerala University, 14/3/2017
132. *"Computational Linguistics for Sanskrit and other Indian languages - Opportunities and Challenges"*, Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth, Delhi, 12/3/2017
131. *"Technology Development for Sanskrit and other Indian languages - Resource Creation and challenges"*, plenary talk delivered at Dept of Sanskrit, Tripura University, 3/3/2017
130. *"Sanskrit and IT"*, Swami Shraddhanand College, Delhi University, 1/3/2017
129. *"JNU and its International Collaboration Efforts"*, invited talk at EU-India Higher Education Cooperation Conference, India Habitat Center, 29/9/2016
128. *"Digital Humanities and heritage texts in Sanskrit"*, invited talk in a national seminar titled "Leaning of Sanskrit shastras in present system" organized by Delhi University South Campus, 12th March, 2016

127. "*Language Technology digital humanities and Indian heritage*", invited talk in a national seminar on "Sustenance of Sanskrit", organized by SCSVMV University, Kanchipuram, March 4, 2016

126. "*New directions in Sanskrit research - Computational Linguistics*", invited talk at Shri Lal Bahadur Rashtriya Sanskrit Vidyapeeth, New Delhi, 25th Feb, 2016

125. "*Computational Linguistics and Sanskrit*", invited talk at Motilal Nehru College, Delhi University, 20th Feb 2016

124. "*Technology resource creation for Indian languages - a case of Sindhi*", invited talk in a national seminar on Sindhi NLP organized by Aryabhatta College, Delhi University, 19th Feb 2016

123. "*Structured Language Resources (SLR) creation at JNU*", invited talk in a seminar titled *Real time translation among Indian languages* organized by TIFAC, DST, New Delhi, 11 Feb 2016

122. "*Big Data and the language of Gods*", invited talk at "5th National Sanskrit Journalists Seminar", Akshar Dham, Delhi, 10 Dec, 2015

121. "*India's Ancient Manuscripts - complexities and challenges for language informatics*", Delivered at "Institute of Linguistics, Adam Mickiewicz University, Poznan, Poland, 30 Nov, 2015

120. "*Computational Linguistics and India*", Academic Staff College, JNU, Sept1, 2015

119. "*Panini Computing: challenges and gains for AI*", NCERT, 28 Aug, 2015

118. "*Innovations in Sanskrit education*", St. Thomas School, Noida, 27 Aug, 2015

117. "*IT for Indian language and Literature*", Academic Staff College, JNU, 26 August, 2015

116. "*Big data and recent trends in language informatics in India*", delivered in the national seminar on "Linguistics in Humanities", organized by Dept. of Linguistics, Delhi University, March 10-11, 2015

115. "*Indian Heritage and Prakrit in the age of Information & Communication Technology*", invited talk in the national Seminar on Prakrit, Shri Lal Bahadur Rashtriya Sanskrit Sansthan, Delhi, Feb 26, 2015

114. "*Sanskrit education in India – policies and innovations*", invited talk at the Nectarland Book release, India Habitat Center, Delhi, Feb 14, 2015

113. Invited lectures and labs in the "Faculty Development Program (FDP) on Natural Language Processing" at Dept. of Computer Science & engineering, A K Garg Engineering College, Ghaziabad, Jan 30-31, 2015
112. "*Conclave on Language Informatics: South and South East Asian Languages (CLI-SSEAL)*", presentation at Cambridge University Press, Delhi, 12 January, 2015
111. "*The Sharada project - background information*", delivered in the inaugural session of the "5-day National Workshop on Sharada script" organized by Millennium Indian Education Foundation (MIEF) at Department of Sanskrit, Mumbai University", Nov 6, 2014
110. "*Resource poverty to resource hunting - the case of Indian languages*". delivered at a national seminar on "Towards standardizing Khasi for Computational Purposes", St Anthony's College, Shillong, Oct 28, 2014
109. "Languages Technology and Education: India and Indonesia", Talk delivered at Yogyakarta State University, Indonesia in Exploratory Seminar under JNU-YSU collaboration, Oct 10, 2014
108. "*Preserving and promoting Sanskrit Manuscripts - Digitization and beyond*", Talk delivered in "National Workshop on Research Methodology in Sanskrit" at Rashtriya Sanskrit Sansthan, Agartala, Sept 20, 2014
107. "*Information Technology innovations and fundamental sciences in Sanskrit: A multidisciplinary approach to research*", Talk delivered in "National Workshop on Research Methodology in Sanskrit" at Rashtriya Sanskrit Sansthan, Agartala, Sept 19, 2014
106. "*Language Technology, corpora and standards for Indian languages*", Talk delivered at the Center for Indic Studies, University of Massachusetts, Dartmouth, Aug 29, 2014
105. "*Sanskrit in the school curriculum – looking ahead*", DPS R K Puram, August 14, 2014
104. "*Sanskrit in the age of IT – the age of innovation*", ARSD College, Delhi University, August 14, 2014
103. "*ICT applications and innovations for Sanskrit - a practical approach*", NCERT, New Delhi, Aug 8, 2014
102. "*NLP and Indian Languages*", at the Refresher Course in Computer Sciences and Information Technology at Academic Staff College, JNU, July 28, 2014
101. "*Computational Linguistics for Sanskrit: a viable research option*", talk delivered at the CPDHE, Delhi University, July 10, 2014
100. "*Knowledge representation in man and machine - philosophy and beyond*", Dept of Linguistics, Gujarat University, Ahmadabad, 21 March, 2014

99. *Sanskrit Computational Linguistics: Opportunities and Challenges*, talk delivered at Shri Lal Bahadur Rashtriya Sanskrit Vidyapeeth, Delhi, February 25, 2014
98. *Language Technology Resources and challenges in emerging India*, Dept of Letters & Philosophy, University of Florence, Italy, Jan 22, 2014
97. *Making most of diversity – Language Technology in India*, German Center for Artificial Intelligence (DFKI), Berlin, Germany, Jan 20, 2014
96. *Corpora, Standards and Language Technology – a tale of emergent India*, Wurzburg Center for Modern India, University of Wurzburg, Germany, Jan 16, 2014
95. *Language diversity in India - a challenge for resource creation*, German Center for Artificial Intelligence (DFKI), Saarbrücken, Germany, Jan 13, 2014
94. *Indian Languages, Unicode and Automatic Transliteration*, Institute of Linguistics, Adam Mickiewicz University, Poznan, Poland, Dec 12, 2013
93. *Computer Processing and Natural Language Engineering of Indian Languages: the Case study of Sanskrit - II*, Faculty of Mathematics and Computer Science, Adam Mickiewicz University, Poznan, Poland, Dec 11, 2013
92. *Computer Processing and Natural Language Engineering of Indian Languages: the Case study of Sanskrit - I*, Faculty of Mathematics and Computer Science, Adam Mickiewicz University, Poznan, Poland, Dec 10, 2013
91. *Language Technology Resource (LTR) development and India*, invited talk in UGC Sponsored One Week National Workshop on Multilingual Technologies, Punjabi University, Patiala, Nov 12, 2013
90. *Science And Technology In Ancient Indian Texts (SATIAIT) - the latest report*, presented at the Dept of Chemistry, University of Massachusetts, Dartmouth, July 18, 2013
89. *Information Technology for Indian Language and Literature*, invited talk at Chandigarh Sahitya Academy, May 25, 2013
88. *Language Technology and Empowerment*, presented at the international seminar on "Language and Power: Perspectives, Issues and Impact", April 6-7, 2013, Special Center for Sanskrit Studies, J.N.U.
87. *Computational Linguistics, corpora and standards: the big picture*, invited talk delivered at the Nepali Dept, North Bengal University, Siliguri, April 4, 2013
86. *Newer dimensions of Sanskrit Research in the Information Technology Age*, invited talk in Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeetha, March 6, 2013

85. *Sanskrit in the Information Technology Age*, invited talk at Daulat Ram College, University of Delhi, March 2, 2013
84. *Sanskrit shodh ki nai dishaen*, invited talk at Haryana Sanskrit Academy, Bhiwani, Haryana Feb 10, 2013
83. *Technology for Indian Heritage: the case of ancient scripts and texts*, invited talk in the National Seminar on "Application of Information Technology for conservation, editing and publication of Manuscripts", Samskriti Foundation, Bangalore, 21-22 Jan 2013
82. *Language Technology Resource (LTR) Developments at JNU*, invited talk at Academic Staff College, JNU, July 31, 2012
81. *Resource creation for Indian languages - an update*, invited talk at a workshop on "Reinforcing International Collaboration on Language Resources and Evaluation", joint COCOSDA-FLaReNet workshop, LREC, Istanbul, May 26, 2012
80. *Emerging trends in Language Technology Resources (LTR) in India*, delivered at Microsoft Research, Redmond, USA, Apr 9, 2012
79. *Science and Technology initiatives for Indian Languages: Impacting India through US and indigenous expertise*, delivered at an International seminar on "Presence of America in India", University of Illinois, Urbana-Champaign, IL, USA, Apr 7, 2012
78. *"Sanskrit e-learning"*, invited paper in a national seminar on education at Shri Lal Bahadur Rashtriya Sanskrit Vidyapeeth, Delhi, Feb17, 2012
77. *Sanskrit shodh ki nai dishaen*, talk delivered at Shri Lal Bahadur Rashtriya Sanskrit Vidyapeeth, Delhi, Feb10, 2012
76. *Newer areas of R & D in Sanskrit at JNU: a report*, DPS Society, Dwarka, Jan18, 2012
75. *Computational Linguistics Corpora and standards: the big picture*, distinguished lecture at JNU lecture series, Feb 3, 2012
74. *Computational Linguistics Corpora and standards: the Indian situation*, talk delivered at IIT Patna, Jan30, 2012
73. *Enabling Indian languages on computers*, Workshop on Indian language computing, Mohini Devi Memorial School, Araria, 13-16 Jan, 2012
72. *"Indian languages corpora Initiative: current status and future directions"*, inaugural talk at ILCI workshop organized by IIT Mumbai, Jan3-4, 2012
71. *"Promoting Sanskrit through Science and Technology: A report on the latest developments at JNU"*, 20th International Vedanta Congress, JNU, Dec28-31, 2011

70. *Introduction to programming in Java*, , NLP Lecture Series at Kashmir University, sponsored by LDC-IL, CIIL Mysore, Nov8-9, 2011
69. *"Linguistic Theory and Grammar Formalisms"*, NLP Lecture Series at Kashmir University, sponsored by LDC-IL, CIIL Mysore, Nov8-9, 2011
68. *"Science & Technology in Sanskrit at JNU: A report"*, Convergence of Science and Spirituality, Nov 5, 2011, organized by ISSKCON, Sri Venkateswara College, South Campus Delhi University)
67. *"Issues in POS tag-set design for Indian languages"*, Sept19, 2011, Inaugural talk in the "Workshop on POS-Morph: Urdu-Hindi& Maithili", organized by LDC-IL, CIIL Mysore, 19-21 Sept, 2011, CIIL Mysore
66. *Computational Linguistics and Sanskrit*, lecture delivered at International Sanskrit conference at Uttaranchal Sanskrit University, Haridwar, 11th Sept, 2011
65. *"Puruṣāārtha and Yoga: a no-contradiction approach"*, invited talk in the "Summer Workshop on Dharmic Traditions", Center for Indic Studies, University of Massachusetts, Dartmouth, USA, July19 & July26, 2011
64. *"Modern Hindu Practices and their evolution"*, invited talk in the "Summer Workshop on Dharmic Traditions", Center for Indic Studies, University of Massachusetts, Dartmouth, USA, July19, 2011
63. *"What is dharma: following a textual strategy"*, invited talk in the "Summer Workshop on Dharmic Traditions", Center for Indic Studies, University of Massachusetts, Dartmouth, USA, July18, 2011
62. *"Why Study Sanskrit"*, talk delivered in "Trindic Corps Youth Camp", Organized by Center of Indic Studies and 3R Foundation, University of Massachusetts, Dartmouth, USA, July1-4, 2011
61. *Computational Linguistics*, Talk delivered at Hindu College, Dec 21, 2010
60. *Sanskrit and Computer*, lecture delivered at NCERT teachers orientation, Dec 1, 2010
59. *Language Technology Resources for Sanskrit and other Indian Languages at Jawaharlal Nehru University*, India, LDC Institute, University of Pennsylvania, USA, July 22, 2010
58. *Multilingual Multimodal resources – creating a leveling field in India*, COCOSDA/WRITE/FLaReNet workshop “language Technology Issues for International cooperation”, LREC2010, Malta, 22 May, 2010
57. *Indian Languages Corpora and Application Development at JNU*, Prof R N Shrivastava Memorial Lecture, Kendriya Hindi Sansthan, Agra, March 23, 2010

56. *Language Processing and Corpus Linguistics*, Prof R N Shrivastava Memorial Lecture, Kendriya Hindi Sansthan, Agra, March 22, 2010
55. *Language Technology & Sanskrit*, Dept of Sanskrit, Hansraj College, Delhi University, Feb 18, 2010
54. *Computational Linguistics for Sanskrit*, PhD research workshop, Sri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth, New Delhi, Feb 16, 2010
53. *A national effort to develop technologies for multiple national languages : the experience of India*, FLaReNet (Fostering Language Resource Network), funded by European Commission, Barcelona, Spain, Feb 12, 2010
52. *International Collaboration: Europe and India*, FLaReNet (Fostering Language Resource Network), funded by European Commission, Barcelona, Spain, Feb 12, 2010
51. *Why should you consider Sanskrit*, Sanskrit Dept, Mothers School, Jan 22, 2010
50. *Hamaare gaon, shiksha aur computer*, Kuruom Vidyalaya: Inauguration and Educational Workshop, Jan 14, 2010, Kuruom, Sultanpur, UP
49. *Web based technologies*, Web Creations, Lucknow, Jan 13, 2010
48. *Linguistics for Sanskrit*, "Workshop on Sanskrit and Computers: Getting equipped to face the new challenges" organized jointly by the Department of Sanskrit Studies, University of Hyderabad, and the Sanskrit Academy, Osmania University, Hyderabad, 20 Dec 2009
47. *Java for Computational Linguistics*, "Workshop on Sanskrit and Computers: Getting equipped to face the new challenges" organized jointly by the Department of Sanskrit Studies, University of Hyderabad, and the Sanskrit Academy, Osmania University, Hyderabad, 21-23 Dec 2009
46. *Computational linguistics R&D at JNU*, "Workshop on Sanskrit and Computers: Getting equipped to face the new challenges" organized jointly by the Department of Sanskrit Studies, University of Hyderabad, and the Sanskrit Academy, Osmania University, Hyderabad, 23 Dec 2009
45. *Computational Linguistics and TDIL Programme*, in "Getting less-resourced languages on board - which languages, which resources, which methods, which funding?", panel discussion at 4th International Language and Technology Conference (4th LTC), Poznan, Poland, Nov 6, 2009
44. *Indian Language Corpora Initiative (ILCI)*, 4th International Language and Technology Conference (4th LTC), Poznan, Poland, Poznan, Poland, Nov 6, 2009
43. *Sanskrit and Computer*, Sanskrit Dept, Gargi College, Delhi University, Sept 17, 2009

42. *Documentation initiatives for Sanskrit and other Indian languages*, International seminar on language documentation, Center for Linguistics, School of Languages Literatures & Culture Studies, JNU, Oct 27, 2009
41. *JNU Text Encoding & Search for Sanskrit (J-TESS)*, Rashtriya Sanskrit Sansthan, Delhi, Oct 26, 2009
40. *Issues in Sanskrit NLP and e-learning*, Kanya Mahavidyalaya, Jalandhar, Aug 7, 2009
39. *Sanskrit aur Kampyutar*, DPS HRD Center, Dwarka, New Delhi, Apr 15, 2009
38. *Emerging trends in Language Technology and Sanskrit Computing* at the Science Festival 2009, organized by School of Life Sciences, J.N.U., Feb 27, 2009
37. *Methods and Issues in Computer Processing of Panini*, Bhandarkar Oriental Research Institute, Pune, Feb22, 2009
36. *Introduction to Language Technology*, Center of Indian Languages, SLL&CS, JNU, Jan 23, 2009
35. *Introduction to Natural Language Processing*, refresher course for Computer Science, Academic Staff College, JNU, Nov 14, 2008
34. *Demonstration of Sanskrit software developed at JNU* (included as part of *Sanskrit CD* released by Ministry of IT and CDAC Pune, Nov 25), Tirupati Sanskrit Vidyapeeth
33. *Multimedia e-learning for Sanskrit*, at DPS, HRD Center, Dwarka, New Delhi, Nov 16, 2008
32. *Issues in Sanskrit NLP and e-learning*, Dept of Sanskrit, Pali and Prakrit, MD University Rohtak, Nov 7, 2008
31. *Sanskrit and Computer*, Haryana Sanskrit Academy at Bhiwani, 28/9/2008
30. *Anaphors in Sanskrit*, international workshop titled *Anaphora Resolution II*, organized by Bergen University, Bergen, Norway, Aug29-31, 2008
29. Lecture series on *NLP and Panini*, Dept of Vyakarana, Faculty of Arts, Banaras Hindu University (BHU), March 25-26, 2008
28. *Teaching through e-learning*, Central Institute of Higher Tibetan Studies, Sarnath, Dec29-30,2007
27. *Multilingualism, localization and language computing*, IP Engineering College, Gaziabad, Nov 17, 2007

26. *Inflectional Morphology Analyzer for Sanskrit*, invited speech at *First International Symposium on Sanskrit Computational Linguistics*, INRIA, at Paris-Rocquencourt, 30 Oct, 2007
25. *Sanskrit Computational Linguistics* at Sanskrit Shodh Parishad, Delhi University, August 1, 2007
24. Lecture series on *Language Technology* at the NLSI summer training, CIIL Mysore, June 18-19, 2007
23. *Computational Linguistics*, Dept of Linguistics, Kashmir University, Srinagar, Feb23, 2007
22. Lecture-series in the area of *Sanskrit Computational Linguistics* at the *Dept of NLP and Shabdabodha*, Rashtriya Sanskrit Vidyapeetham, Tirupati, Andhra Pradesh, Jan25-27, 2007
21. *Computational Phonology and Morphology*, PGDLT course at CDAC, Noida, Jan 5, 2007
20. *Language Technology*. PGDLT course at CDAC, Noida, Dec 21, 2006
19. Lecture series on *Language Technology* , MA course on Language Technology at Mahatma Gandhi International Hindi University, Wardha, 11-15 Dec, 2006
18. *Sanskrit and computer*, Haryana Sanskrit Academy at Panchkula, Chandigarh, Nov 26, 2006
17. *Hindi Lexicography and computer*, at Central Hindi Institute, Agra, at the workshop on “Hindi dialect dictionary” , Oct 16,2006
16. *Sanskrit and Computer*, Golden Jubilee Celebration of PGDAV College, Delhi University (organized by Delhi Sanskrit Academy, Sept 29, 2006
15. Invited talk at *Summit on Internationalization of Web* at Hotel Grand Ashoka, Bangalore (24-25 August, 2006) organized by World Wide Web Consortium (W3C) and Manufacturers’ Association of Information Technology (MAIT)
14. *Computational Linguistics: an overview*, CDAC Kolkata, July 6, 2006
13. *Linguistic theories and formal grammar models*, CDAC Kolkata, July 5, 2006
12. *Paninian Formalism for NLP*, CDAC Kolkata, July 4, 2006
11. Invited talk at the *First National Symposium on Modeling and Shallow Parsing of Indian Languages(MSPIL-06)* 31st March - 4th April, 2006 at IIT Bombay
10. *Language and computers*, ASC Orientation Course, Rajdhani College, Delhi University, Dec 27,2005

9. Invited speech at the *National Seminar on Translation Today: state and issues*, Dept. of Linguistics, University of Kerala, Trivandrum, August 23-25, 2005
8. *Machine Translation* in the MA course on Translation Technology at Mahatma Gandhi Antarrashtriya Hindi University, Wardha, April 11-16, 2005
7. *Computational aspects of Indian grammatical tradition* at the 4th course on IGT organized by CIIL, Mysore at NRLC, Patiala, Feb 2005
6. *Computational aspects of Panini* at the Refresher course on Sanskrit Linguistics, organized by CIIL, Mysore at Dept. of Linguistics, Punjabi University, Patiala and at the NRLC, Patiala, Feb-March 2003
5. *Computational linguistics, e-learning* at the Orientation course on Information technology at Academic Staff College, JNU, August 2004
4. *Computational linguistics, e-learning* at the Orientation course on Information technology at Academic Staff College, JNU, December 2004
3. *Macromedia ColdFusion for dynamic web content* at UNESCO sponsored refresher course at School of Information Technology, JNU, September, 2003
2. *Lectures on general linguistics*, Kendriya Hindi Sansthan, Delhi: (1995-1996)
1. *Lectures in UGC sponsored computer courses*, Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth: (1995-1996)

Research papers/articles (148)

148. “संस्कृत के लिये प्राकृतिक भाषा प्रसंस्करण तकनीकें और संस्कृत LLM के लिये संसाधन”, बहुभाषी भारत में भाषा प्रौद्योगिकी और AI की भूमिका, राजभाषा विभाग, गृह मंत्रालय, २०२५
147. “संस्कृत और अन्य भारतीय भाषाएं”, गिरीश नाथ झा, “भारतीय भाषाएं और राजभाषा हिंदी – सह अस्तित्व की गाथा”, राजभाषा विभाग, गृह मंत्रालय, भारत सरकार, 2025
146. “तकनीकी युग में हिंदी की उन्नति और प्रचार प्रसार”, गिरीश नाथ झा, देवेन्द्र कुमार, 2025. राजभाषा दर्पण, 53-54.
145. “Hindi and its role in the unified future of India”, Girish Nath Jha, Hindustan Times, Sept 13, 2024

144. “कृत्रिम मेधा के युग में भारतीय भाषाएं और हिंदी- अवसर और चुनौतियां”, Girish Nath Jha, Akash Mohan Rawat, 2024, Rajbhasha Diamond Jubilee Edition, 1949-2024, Dept of Official Language, Ministry of Home, GOI, pp52-63
143. “Resource Creation for Sanskrit ASR (Automatic Speech Recognition)”. Devendr KKumar, Girish Nath Jha, “An International Journal of Engineering Science”, 35, 103-109. <http://ijoes.vidyapublications.com/paper/Vol35/10.pdf>
142. “हिंदी के प्रचार-प्रसार में भाषा प्रौद्योगिकी की भूमिका”, गिरीश नाथ झा, “भाषा”, 307, 2023, pp 09-15, के.हिं.नि., भारत सरकार
141. “साइबर सुरक्षा में कृत्रिम प्रज्ञान (AI) और प्राकृतिक भाषा संसाधन (NLP)”, Girish Nath Jha, Devendr Kumar, बहुवचन, महात्मा गांधी अंतरराष्ट्रीय हिंदी विश्वविद्यालय, वर्धा, अंक 72-72, 132-138 2023
140. “Resource creation for Sanskrit ASR (Automatic Speech Recognition)”, Devendr Kumar, Girish Nath Jha, Research Cell: An International Journal of Engineering Sciences, 35, 103-109, 2023 **Online ISSN: 2320-0332, Print ISSN: 2229-6913**
139. साइबर सुरक्षा में कृत्रिम प्रज्ञान और प्राकृतिक भाषा संसाधन. Girish Nath Jha, Devendr Kumar, 2022, बहुवचन (UGC care listed), 72-72, 132-138.
- 138, “Formal Sanskrit Syntax: A Specification for Programming Language”, Khangamba, K. Kabi; Jha, Girish Nath, *Proceedings of the 1st Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics and the 10th International Joint Conference on Natural Language Processing: Student Research Workshop*, 72-78 ISBN 978-1-952148-93-4. Suzhou, China: Association for Computational Linguistics, Dec 2020
137. “Abstractive Text Summarization for Sanskrit Prose: A Study of Methods and Approaches”, Shagun Sinha, Girish Nath Jha, Workshop on Indian Language Data Resource & Evaluation, LREC 2020, ACL Anthology
136. “Multi-word Expressions extraction for Clinical Domain”, Srishti Singh, Girish Nath Jha, Nganthoibi Oinam, Diwakar Mishra, Hitesh Desai and Pinal Pate, in “Human Language Technologies as a Challenge for Computer Science and Linguists”, Zygmunt Vetulani, Patrick Peroubek (eds), Wydawnictwo Nauka i Innowacje, Poznan, Poland, 2019 May 18, 2019 isbn 978-1-5386-5314-2
135. “Language Technology white Paper on Maithili”, Uday Narayan Singh, Girish Nath Jha & Narayan Choudhary, 1st International Conference on SOIL-Tech, JNU, New Delhi, 15-17 Feb 2019
134. “Developing Garhwali Corpus for Statistical Machine Translation”, Arushi Uniyal and Girish Nath Jha, 1st International Conference on SOIL-Tech, JNU, New Delhi, 15-17 Feb 2019

133. “*Issues & Challenges in Building SMT Systems for Lesser-known Languages (The Case of English-Bhojpuri & English-Garhwali)*”: Atul Kr. Ojha, Arushi Uniyal and Girish Nath Jha, 1st International Conference on SOIL-Tech, JNU, New Delhi, 15-17 Feb 2019

132. “*Language Technology white paper on Hindi*”, S.S. Aggrawal, Dipti Mishra Sharma & Girish Nath Jha, 1st International Conference on SOIL-Tech, JNU, New Delhi, 15-17 Feb 2019

131. “*Language Technology white paper on Sanskrit*”, Girish Nath Jha, Shrinivas Varakhedi & Malhar Kulkarni, 1st International Conference on SOIL-Tech, JNU, New Delhi, 15-17 Feb 2019

130. “*English Multi-Word Expressions (MWE): A Tagset for Health Domain*” Srishti Singh and Girish Nath Jha. In Proceedings of International Conference on Advances in Computing, Communications and Informatics (ICACCI 2018), 2018, pg 1812-1817. Date Added to IEEE Xplore: 03 December 2018. DOI: [10.1109/ICACCI.2018.8554795](https://doi.org/10.1109/ICACCI.2018.8554795). IEEE. Electronic ISBN: 978-1-5386-5314-2, Print on Demand (PoD) ISBN: 978-1-5386-5315-9 (Scopus)

129. “*Translation Issues in Conversation Sanskrit-Bhojpuri Language Pair: An MT Perspective*”. Shagun Sinha and Girish Nath Jha. procs of the “4th Workshop on Indian Language Data: Resources and Evaluation” (WILDRE) held under Language Resources and Evaluation Conference, Miyazaki, Japan, 2018, ISBN: 979-10-95546-09-2

128. “*Automatic Language Identification System for Hindi and Magahi*”, Priya Rani, Atul Kr. Ojha and Girish Nath Jha, poster in the procs of the “4th Workshop on Indian Language Data: Resources and Evaluation” (WILDRE) held under Language Resources and Evaluation Conference, Miyazaki, Japan, 2018, ISBN: 979-10-95546-09-2

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19. *Developing a Sanskrit Analysis System for Machine Translation*, presented at the National Seminar on *Translation Today: state and issues*, Deptt. of Linguistics, University of Kerala, Trivandrum, August 23-25, 2005
18. *Socio-psychological motivations for Maithili-Hindi code switching*, “*Words in Asian Cultural Context*”, proc. of 4th Asialex Conference (pp401-405), National University of Singapore

17. *Information technology applications for Sanskrit lexicography: case of Amarakosha*, procs of the AsiaLex conference at National University of Singapore, Singapore, June1-3, 2005
16. *Devanagari on computer: problems and current status*, presented at the Workshop on Hindi support and compatibility for computers at JNU, New Delhi, March31-April1, 2005
15. Identifying verb inflections in Sanskrit morphology, (with Sudhir Mishra) *Procs of SIMPLE'04, IIT Kharagpur, 2005*
14. *IT initiatives for Sanskrit in India*, accepted for the Sanskrit conference at Bangkok, Thailand, June 23-36, 2005
13. *Astadhyayi Online*, (with Prof. G.V.Singh), Procs of International Conference on Speech and Language Technology, New Delhi, Nov,2004, Tata McGraw Hill, 2004
12. *A karaka analyzer for Sanskrit* (with Sudhir Mishra), Procs of International Conference on Speech and Language Technology, New Delhi, Nov,2004, Tata McGraw Hill, 2004
11. *Generating nominal inflectional morphology in Sanskrit*, SIMPLE 04, IIT-Kharagpur Lecture Compendium, Shyama Printing Works, Kharagpur, WB, March, 2004
10. Optimality re-investigation of Hindi stress system, *presented at 30th International conference on Systemic Functional Linguistics, Lucknow, 2003*
9. LexFace: a lexical interface for English-Hindi translation for share-market, South Asian Language Review, Vol. No. XI. P 52-59, *New Delhi*
8. The system of Panini, *Language in India*, volume4:2 February 2004
7. Current trends in Indian languages technology *Language In India*, volume 3:12 December 2003
6. Jason lives! The innate horror!! *Language in India*, volume 3:10 October 2003
5. A Prolog Analyzer/Generator for Sanskrit Subanta Padas, *Language in India*, volume 3:11 November 2003
4. *English-SQL interface for databases* (with Jerry Morgan, head of the dept of linguistics at U of I, Urbana-Champaign) presented at an international conference on SALA held at University of Illinois in July 9-11, 1999
3. *Lexical conceptual structure and domain based machine translation system* (with Kapil Kapoor, G.V.Singh) presented at a symposium on Machine Aids for translation & communication, JNU, April11-12 1996)
2. *Proposing a computational system for Nominal Inflectional Morphology in Sanskrit* (Proc. of national seminar on "Reorganization of Sanskrit Shastras with a view to prepare their computational database", January, 1995)

1. *Indian theory of knowledge: an AI perspective* (proc. of national seminar on “Inference Mechanisms in Shastras and Computer Science”, Academy of Sanskrit Research, Malcote, Mysore, April, 1994)

Books (19)

19. *Proceedings of the 7th Workshop on Indian Language Data Resource and Evaluation* (eds. Girish Nath Jha, Kalika Bali, Sobha L, Atul Ojha), WILDRE-7, 25 May, 2024 (hybrid mode), Torino, Italy, under LREC May 20-25, 2024 ISSN/ISBN NO.: 978-2-493814-37-1
18. *Proceedings of the 6th Workshop on Indian Language Data Resource and Evaluation* (eds. Girish Nath Jha, Kalika Bali, Sobha L, Atul Ojha), WILDRE-6, 20 June, 2022 (hybrid mode), Marseille, France, under LREC May 20-25, 2022 ISSN/ISBN NO.: 979-10-95546-87-0
17. *Vedanta Science and Technology – a multidisciplinary approach* (eds Girish Nath Jha, Bal Ram Singh, Sukalyan Sengupta), Procs of the 22nd International Congress of Vedanta (22Vedanta), 27-30 Dec 2015, JNU, DK Printworld, Delhi, 2020 ISSN/ISBN NO.: 9788124609477
16. *Proceedings of the 5th Workshop on Indian Language Data Resource and Evaluation* (eds. Girish Nath Jha, Kalika Bali, Sobha L, S. S. Agrawal), WILDRE-5, 16 May, 2020 (rescheduled to 24 May in online mode), Marseille, France, under LREC May 11-16, 2020 ISSN/ISBN NO.: 979-10-95546-67-2
15. *Veda as global heritage: Scientific perspectives* (eds, Girish Nath Jha, Sudhir Kumar Arya, Abhijit Dixit, Atul Kr Ojha), Procs of the International Veda Conference on "Veda as Global Heritage: Scientific Perspectives", JNU, 15-18 Dec 2016, Vidyanidhi Prakashan, Delhi, 2019 ISSN/ISBN NO.: 978-9385539695
14. *Proceedings of the 4th Workshop on Indian Language Data Resource and Evaluation* (eds. Girish Nath Jha, Kalika Bali, Sobha L), WILDRE-4, 12 May, 2018, Miyazaki, Japan, under LREC May 7-12, 2018 ISSN/ISBN NO.: 979-10-95546-09-2
13. *Vedanta anvikshiki, Science and Philosophy in contemporary perspective* (eds. Girish Nath Jha, Sukalyan Sengupta and Balram Singh), DK Printworld, Delhi, 2017 ISSN/ISBN NO.: 9788124608975
12. *Proceedings of the 3rd Workshop on Indian Language Data Resource and Evaluation* (eds. Girish Nath Jha, Kalika Bali, Sobha L), WILDRE-3, 24 May, 2016, Portoroz, Slovenia, under LREC May 23-28, 2016
11. *Proceedings of the 2nd Workshop on Indian Language Data Resource and Evaluation* (eds. Girish Nath Jha, Kalika Bali, Sobha L), WILDRE-2, 27 May, 2014, Reykjavik, Iceland, under LREC May 26-31, 2014

10. *Proceedings of the 1st Workshop on Indian Language Data Resource and Evaluation* (eds. Girish Nath Jha, Kalika Bali, Sobha L), WILDRE-1, 21 May, 2012, Istanbul, under LREC May 21-27, 2012
9. *Perspectives on the Origin of Indian Civilizations* (eds Angela Marcantonio, Girish Nath Jha), DK Printworld, Delhi, 2012 ISSN/ISBN NO.: 9788124606407
8. *Modern Perspectives on Vedanta* (ed jointly with Bal Ram Singh, R P Singh, Diwakar Mishra), DK Printworld, Delhi, 2012 ISSN/ISBN NO.: 9788124606391
7. *Computational Semantics for Sanskrit: The Case of Amarakosha Homonyms* (co-author with Mukesh Kumar Mishra), Lambert Academic Publisher, Germany, 2012 ISBN- 9783847310457
6. *Science and Technology in Ancient Indian Texts* (ed. jointly with Bal Ram Singh, Umesh Kumar Singh and Diwakar Mishra), DK Printworld, Delhi, 2011 ISSN/ISBN NO.: 9788124606322
5. *Paninian Morphophonemics: A Computational Approach to Analysis and Interpretation* (co-author with Diwakar Mishra), Lambert Academic Publisher, Germany, 2011 ISBN-978-3-8465-2953-9
4. *Primary Derivation in Sanskrit: A Computational Approach to Analysis of Kridanta* (co-author with Surjit Kumar Singh), Lambert Academic Publisher, Germany, 2011 Item number 55418163
3. *Computer Processing of Sanskrit Nominal Inflections - Methods and Implementation*", (with Subhash Chandra), Cambridge Scholar Publishing, Feb 2011, UK (ISBN13: 978-1-4438-2684-6 Isbn: 1-4438-2684-7)
2. *Sanskrit Computational Linguistics* (ed.), Procs of the 4th International Sanskrit Computational Linguistics Symposium, Springer Verlag, Germany, 2010 (ISBN 978-3-642-17527-5)
1. *Sanganak-janit vyavaharik Sanskrit dhatu-rupavali*, Vidyanidhi Prakashan, Delhi, 2007 ASIN: B0BW4F6XHJ

Corpora/Tagset Published (2)

2. *Indian language part-of-speech tagset: Sanskrit* (with Madhav Gopal, Diwakar Mishra), LDC (Linguistic Data Consortium), University of Pennsylvania, 2011 <https://catalog.ldc.upenn.edu/LDC2011T04>, ISBN-1-58563-575-8, ISLRN: 837-079-335-566-4, DOI - <https://doi.org/10.35111/nvpd-ya81>, License - Microsoft Research India License Agreement

1. *Indian language part-of-speech tagset: Hindi* (with Kalika Bali, Monojit Chaudhary, Priyanka Biswas, Narayan Kumar Chaudhary, Maansi Sharma), LDC (Linguistic Data Consortium), University of Pennsylvania, 2010 <https://catalog.ldc.upenn.edu/LDC2010T24> ISBN-1-58563-571-5, ISLRN: 115-406-051-155-7, DOI - <https://doi.org/10.35111/bpb8-ew63>, License—Microsoft Research India License Agreement

Contributions to Books (4)

1. *Maithili bhasha* (with Dr Sangeeta Kumari), chapter in the book titled *Bharatiya Bhasha Parichay*, Kendriya Hindi Nideshalay, Delhi, 2010
2. *Hindi-English Dictionary of Common Words (Vyavaharik Angrezi-Hindi kosh)*, (edit. board), Central Hindi Directorate. Min. of Human Resource Development, 2006
3. *Early Monsoon*, appeared in “The Splendor of Sunrise” (Jessica Rapisarda ed.), 2001, International library of poetry, Watermark press, One Poetry Plaza, Owings Mills, MD 21117, USA
4. *Bhashavijnana paribhasha-kosha*, contributed computational linguistics definitions in this volume published by C.S.T.T., MoE, 1999

Organized Seminar/Workshops

1. ”*Machine Translation: annotation and manpower*”, Vidyapati MT project, School of Sanskrit & Indic Studies, JNU, 17-18 Feb, 2025
2. “*7th Workshop on Indian Language Data: Resource & Evaluation*”, May 25, 2024 (online/offline mode), Marseille, France under Language Resource Evaluation Conference (LREC) organized by European Language Resource Evaluation (ELRA)
3. “*6th Workshop on Indian Language Data: Resource & Evaluation*” (ONLINE), June 20, 2022 (online/offline mode), Marseille, France under Language Resource Evaluation Conference (LREC) organized by European Language Resource Evaluation (ELRA)
4. 1st Online International Webinar on "Academia Industry Interface for Indian Language Technology - Ai3LT", July 20, 2020 (12-2pm)
5. 1st Online National Workshop on "Digitization and Development of E-resources for Sanskrit", May 27-31, 2020 (jointly organized by JNU and DU through online mode)
6. “*5th Workshop on Indian Language Data: Resource & Evaluation*” (ONLINE), May 24, 2020, Marseille, France under Language Resource Evaluation Conference (LREC) organized by European Language Resource Evaluation (ELRA)
7. “*4th Workshop on Indian Language Data: Resource & Evaluation*”, May 12, 2018, Miyazaki, Japan under Language Resource Evaluation Conference (LREC) organized by European Language Resource Evaluation (ELRA)
8. “*International Veda Conference*”, JNU, New Delhi, Dec15-18, 2016
9. “*3rd Workshop on Indian Language Data: Resource & Evaluation*”, May 24, 2016, Portoroz, Slovenia under Language Resource Evaluation Conference (LREC) organized by European Language Resource Evaluation (ELRA)
10. “*22nd International Congress of Vedanta*”, JNU, New Delhi, Dec 27-30, 2015
11. “*Workshop on Sharada script*” in collaboration with Millennium India Education Foundation (MIEF) at the Special Center for Sanskrit Studies, 16-18 Oct, 2015

12. “2nd International Workshop on Indian Language Data: Resource and Evaluation (WILDRE-2)”, Reykjavik, Iceland, May 26, 2014 under Language Resource Evaluation Conference (LREC) organized by European Language Resource Evaluation (ELRA)
13. “Workshop on Sharada script” in collaboration with Millennium India Education Foundation (MIEF) at the Special Center for Sanskrit Studies, Nov 8-10, 2013
14. “Workshop on Sharada script” in collaboration with Millennium India Education Foundation (MIEF) at the Special Center for Sanskrit Studies, Feb 18-20, 2014
15. “Workshop on Indian Language Technology and English-Urdu Machine Translation” jointly with Microsoft, USA on at Special Center for Sanskrit Studies, JNU, 26-27 July, 2012
16. “National Workshop on BIS Annotation Scheme for Indian Languages” 8th ILCI workshop on POS annotation in collaboration with IIIT Hyderabad, at Hyderabad 21-23 July, 2012
17. “1st International Workshop on Indian Language Data: Resource and Evaluation (WILDRE-1)”, Istanbul, May 21, 2012 in collaboration with Microsoft Research India under Language Resource Evaluation Conference (LREC) organized by European Language Resource Evaluation (ELRA)
18. “Digitization of India's ancient scripts - Brahmi, Sharada and Grantha” at Special Center for Sanskrit Studies, JNU on 20th March, 2012
19. “7th ILCI workshop on POS annotation”, in collaboration with IIITM Kerala, organized at Trivandrum 9-10 March, 2012
20. “6th ILCI workshop on POS annotation”, in collaboration with IIT Bombay organized at IIT Bombay 3-4 Jan, 2012
21. “20th International Congress of Vedanta” at Special Center for Sanskrit Studies, JNU, 28-31 December, 2011
22. “5th ILCI workshop on POS annotation”, in collaboration with Utkal University, Bhubaneswar and ISI Kolkata at Utkal University, Bhubaneswar, 21-23 February, 2011
23. “4th International Sanskrit Computational Linguistics Symposium” at Special Center for Sanskrit Studies, JNU, 10-12 December, 2010
24. “E-learning and Multimedia for Education”, at Special Center for Sanskrit Studies, JNU, November 3, 2010 (in collaboration with Communication & Information Services, JNU)
25. “4th ILCI workshop on POS annotation”, in collaboration with Gujarat University, Ahmedabad, 28-30 September, 2010
26. “3rd ILCI workshop on multilingual parallel corpora building”, in collaboration with IIITM-K Trivandrum at Trivandrum, April 9, 2010
27. “International Seminar on Science & Technology in Ancient Indian Texts (SATIAIT)”, January 9-10, 2010 in collaboration with Center of Indic Studies, University of Massachusetts, Dartmouth, USA
28. “2nd ILCI workshop on multilingual parallel corpora building”, in collaboration with Dravidian University at Kuppam, AP, 28-29 August, 2009
29. “1st ILCI workshop on multilingual parallel corpora building”, in collaboration with Goa University at Goa, 25-26 March, 2009
30. “Meeting On Science & Technology in Ancient Sanskrit Texts” in collaboration with Prof. Bal Ram Singh, Director, Indic Studies, Univ Massachusetts, Dartmouth, at Dev Sanskriti Vishva Vidyalaya, Haridvar, 18 June 2009
31. “Workshop on Sanskrit E-Learning and Multimedia” for school teachers and students of south Delhi public schools, JNU, May 5, 2009

32. *“Panchatantra Painting/Sketching Event and Workshop for Children”*, 14 November, 2008
33. *“Workshop on Hindi Support and Compatibility for Computers”* with Hindi Unit of J.N.U., New Delhi, March 31-April 1, 2005

Membership of Program Committee/Scientific Committee

1. Project Monitoring Committee, Bhasha Sagar, CIIL Mysore, 2022-
2. Language Resource & Evaluation Conference (LREC), 2024, Torino, Italy
3. Language Resource & Evaluation Conference (LREC), 2022, Marseille, France
4. Language Resource & Evaluation Conference (LREC), 2020, Marseille, France
5. LT4All, Paris, 2019
6. Language Resource & Evaluation Conference (LREC), 2018, Miyazaki, Japan
7. Language Resource & Evaluation Conference (LREC), 2016, Portoroz, Slovenia
8. Language Resource & Evaluation Conference (LREC), 2016, Portoroz, Slovenia
9. ACM (Association for Computing Machinery) complimentary professional membership, 2015-16
10. 14th International Conference on Natural Language Processing (ICON-2014) to be held at Goa, India, Dec 18-21, 2014
11. 2nd Workshop on Indian Language Data: Resources & Evaluation (WILDRE) under LREC, 2014, Iceland
12. 2nd Workshop on Indian Language Data: Resources & Evaluation (WILDRE) under LREC, 2014, Iceland
13. Language Resource & Evaluation Conference (LREC), 2014, Iceland
14. Workshop on "Linguistics Olympiad and Popularizing Linguistics in Schools", ICON 2013, India
15. 6th Language Technology Conference (LTC), 2013, Poland
16. Forum for Information Retrieval and Evaluation (FIRE), 2013, India
17. 21st International Congress of Vedanta, 2013, USA
18. 1st Workshop on Indian Language Data: Resources & Evaluation (WILDRE) under LREC, 2012, Turkey
19. Language Resource & Evaluation Conference (LREC), 2012, Turkey
20. 5th International Sanskrit Computational Linguistics Symposium (ISCLS), 2012, India
21. 5th Language Technology Conference (LTC), 2011, Poland
22. 20th International Congress of Vedanta, 2011, India
23. 5th Global Wordnet Association (GWA), 2010, India
24. 4th International Sanskrit Computational Linguistics Symposium (ISCLS), 2010, India
25. 3rd International Sanskrit Computational Linguistics Symposium (ISCLS), 2009, India
26. 2nd International Sanskrit Computational Linguistics Symposium (ISCLS) , 2008, USA
27. 1st International Sanskrit Computational Linguistics Symposium (ISCLS), 2007, France

Chairs for International Conferences

1. Co-chair, WILDRE-VII - Workshop on Indian Language Data Resource & Evaluation, LREC, Torino (HYBRID), Italy, May25, 2024
2. Co-chair, WILDRE-VI - Workshop on Indian Language Data Resource & Evaluation, LREC, Marseille (HYBRID), France, June20, 2022
3. Co-chair, WILDRE-V - Workshop on Indian Language Data Resource & Evaluation, LREC, Marseille (ONLINE), France, May24, 2020
4. Co-Chair, 24th International Congress of Vedanta, JNU, 10-12 Jan 2020
5. Co-chair, WILDRE-IV - Workshop on Indian Language Data Resource & Evaluation, LREC, Miyazaki, Japan, May 2018
6. Co-Chair, "Workshop on Language Technology for Less Resourced Languages (LT-LRL)" under LTC2017, November 2017, Poznan, Poland
7. General Track chair for the session on "Natural Language Processing" in KES-2017, France, Sept. 2017
8. General Chair, IVC, Dec 2016, JNU, India
9. General Track chair for the session on "Natural Language Processing" in KES-2016, UK, Sept. 2016
10. Co-chair, International Linguistics Olympiad (ILO), Infosys Development Center, Mysore, India, July 25-29, 2016. (The event received 44 teams from 31 countries)
11. Co-chair, WILDRE-III - Workshop on Indian Language Data Resource & Evaluation, LREC, Portoroz, Slovenia, May 2016
12. General Track chair for the session on "Natural Language Processing" in KES-2015, Singapore, Sept. 2015
13. Program Chair for the "Fourth International Symposium on Natural Language Processing (NLP'15)", Kochi, India, Aug 2015
14. Track chair for the "Natural Language Processing" in the 18th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES-2014), Poland
15. Co-chair, WILDRE-II - Workshop on Indian Language Data Resource & Evaluation, LREC, Reykjavik, Iceland, May 2014
16. Chair for 2nd International Symposium on Natural Language Processing (NLP'13), India
17. Co-chair, WILDRE-I - Workshop on Indian Language Data Resource & Evaluation, LREC, Istanbul, Turkey, May 2012

Sessions chaired/Panel discussion

1. Chaired the inaugural session in 25th International Congress of Vedanta, Organized (online) by Center of Indic Studies, University of Massachusetts, Dartmouth, 23 Oct2021
2. Chaired the session "Applications of Vedanta" in 25th International Congress of Vedanta, Organized (online) by Center of Indic Studies, University of Massachusetts, Dartmouth, 28 Oct2021

3. Coordinated the panel discussion "Perspectives on atman in Vedic tradition - a shāstrārtha in Sanskrit" in 25th International Congress of Vedanta, Organized (online) by Center of Indic Studies, University of Massachusetts, Dartmouth, 28 Oct 2021
4. Chaired session 13 in the 25th International Congress of Vedanta, Organized (online) by Center of Indic Studies, University of Massachusetts, Dartmouth, 29 Oct 2021
5. Chaired session 16 in the 25th International Congress of Vedanta, Organized (online) by Center of Indic Studies, University of Massachusetts, Dartmouth, 30 Oct 2021
6. Chaired session 17 in the 25th International Congress of Vedanta, Organized (online) by Center of Indic Studies, University of Massachusetts, Dartmouth, 31 Oct 2021
7. Panelist in the valedictory session in the 25th International Congress of Vedanta, Organized (online) by Center of Indic Studies, University of Massachusetts, Dartmouth, 31 Oct 2021
8. Chaired a talk by Prof Shantanu Chaudhary, IIT Delhi, "*Optical Character Recognition (OCR)*", 1st International Conference on SOIL-Tech, JNU, New Delhi, 15-17 Feb 2019
9. Chaired a talk by Prof Massimo Moneglia, University of Florence (on Skype) - *The IMAGACT of Ontology of Action: Principles, Development and Validation for its use in the Indian environment*, 1st International Conference on SOIL-Tech, JNU, New Delhi, 15 Feb, 2019
10. Chaired a talk by Georg Rehm, DFKI (German Center for Artificial Intelligence, Berlin) on Skype, *The Preparation, Impact and Future of the META-NET White Paper Series "Europe's Languages in the Digital Age"*, 1st International Conference on SOIL-Tech, JNU, New Delhi, 15 Feb, 2019
11. Chaired a session titled "SPEECH 1: Speech Processing at the 7th LTC, Poznan, Poland, 27 Dec 2015
12. A panelist in the panel discussion on the topic "The Name Of A Name (TNOAN)" organized by Synthesis Talk, Mumbai, Nov 15, 2014.
13. Chaired a talk titled "Multilingual projection" (delivered by Prof Pushpak Bhattacharya, IIT, Bombay) at a national seminar on "Towards standardizing Khasi for Computational Purposes", St Anthony's College, Shillong, Oct 28, 2014
14. Hosted a DD Bharati panel discussion on "Sharada Script" on June 16, 2014, New Delhi
15. Hosted a DD Bharati panel discussion on "Sharada script initiative at JNU" on June 17, 2014. New Delhi
16. A panelist in the panel discussion in the workshop "Workshop on Linguistics Olympiad and Popularizing Linguistics in Schools (LOPLingS)", ICON, CDAC Noida, Dec 18, 2013
17. Chaired a session titled *TAN 1: Text Analysis I* in the "6th Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics", Dec 7, 2013, Poznan, Poland
18. A panelist in the Panel Discussion on *Language diversity and big data* coordinated by Hans Uszkoreit in the "6th Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics", Dec 7, 2013, Poznan, Poland
19. A panelist in the Panel Discussion on *Challenges for Computational Linguistics* Coordinated by Dafydd Gibbon in the "6th Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics", Dec 9, 2013, Poznan, Poland

20. A panelist in the Panel Discussion on "*Modern Perspective on the Origin of Indian Civilization*", in the 21st International Congress of Vedanta, University of Massachusetts, Dartmouth, July 11-14, 2013
21. Chaired in the session titled "*SCIENCE & TECHNOLOGY IN ANCIENT INDIAN TEXTS*" in the 21st International Congress of Vedanta, University of Massachusetts, Dartmouth, July 11-14, 2013
22. Chaired a keynote talk titled "*The Vedic Cure for the Loss of the Sense of Mystery in Western Science*" by Jerry Solfvin in the 21st International Congress of Vedanta, University of Massachusetts, Dartmouth, July 11-14, 2013
23. Chaired the session titled *Vedic culture and epics*, in the "International WAVES Conference 2012", University of Massachusetts, Dartmouth, MA, USA, July 14, 2012.
24. Chaired the session titled *Sanskrit Vyakarana and Linguistics*, in the "International WAVES Conference 2012", University of Massachusetts, Dartmouth, MA, USA, July 14, 2012.
25. Chaired a session in the seminar "Convergence of Science and Spirituality, Nov5, organized by ISSKCON, Sri Venkateswara College, South Campus Delhi University)
26. Chaired a session in the "Symposium on Origin of Indian Civilization", Center of Indic Studies, University of Massachusetts, Dartmouth, 8-9 July, 2011
27. Chaired a session in the "Vedanta and Science Symposium", Center of Indic Studies, University of Massachusetts, Dartmouth, 6-7 July, 2011
28. Chaired a session on "Civilizational Harmony" in the 8th International conference of the WAVES, at Trinidad & Tobago, West Indies, August 5, 2010
29. Chaired a plenary session in the "19th International Vedanta Congress", organized by Center of Indic Studies, University of Massachusetts, Dartmouth, July 29, 2010
30. Chaired a panel discussion on "Sanskrit its evolution and representation in the digital age", in the "19th International Vedanta Congress", organized by Center of Indic Studies, University of Massachusetts, Dartmouth, July 30, 2010
31. Chaired a session in "International Workshop on Referential Entity Resolution", organized by AU-KBC, MIT campus, Anna University, Chennai, Jan15-17,2008
32. Chaired a session on "Computational Linguistics" in the 28th All India Conference of Linguists, Department of Linguistics, BHU, on Nov 4, 2006
33. Chaired a session in the National Seminar on *Translation Today: state and issues*, Deptt. of Linguistics, University of Kerala, Trivandrum, August 23-25, 2005

Workshops

1. Participated in 4-day workshop on Samasa Tagging at Poornaprajna Vidyapeetha, Bangalore, May 16-19, 2009
2. Participated in two-day workshop on POS tagging for Sanskrit under the *Sanskrit Consortia*, organized by Dept. of Sanskrit Studies, University of Hyderabad, Hyderabad, June20-21, 2008
3. Participated in a series of workshops on editing *Hindi-English-Bodo Dictionary*, at Central Hindi Directorate during first quarter of 2008
4. *International Workshop on Referential Entity Resolution*, AU-KBC, MIT campus, Anna University, Chennai, Jan15-17,2008

5. *Review of speech technologies projects*, organized by TDIL, MCIT, CDAC- Mumbai, Dec 12, 2007
6. *Indic languages tagset design*, a one-day workshop organized at Microsoft Research India Lab, Bangalore, Dec 2, 2007
7. *Indic languages tagset design*, a four-day workshop organized at Microsoft Research India Lab, Bangalore, March 15-18, 2007
8. *Indic languages tagset design*, a three-day workshop organized at Microsoft Research India Lab, Bangalore, Jan 19-21, 2007
9. *Indic languages tagset design*, a two-day workshop organized at Microsoft Research India Lab, Bangalore, 2-3 Dec, 2006
10. *Indic languages tagset design*, a two-day workshop organized at Microsoft Research India Lab, Bangalore, 28-29 Oct, 2006
11. *Government @27/7: overcoming contextual & cultural challenges*, South Asia e-government summit organized at The Grand, Vasant Kunj, Oct 26, 2006 by DIT, GOI, CDAC, ASIA, OSPA forum