

# Curriculum Vitae

**Dr. Shivani V**  
**Professor and Head**  
**Department of Vyakarana**  
**Dean, Shastra Faculty**  
**Karnataka Samskrit University**  
**Bangalore, India**

## Personal Information

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| Name           | Shivani V  |
| Address        | #004 G R Prime<br>2nd Main, Srinivasa Nagar<br>BSK III, Bangalore<br>India |
| Telephone      | +91 9497680167   |
| E-mail         | shivani.ksu@gmail.com  |
| Nationality    | Indian   |
| Date of birth  | 05 May 1976  |
| Gender         | female   |
| Father         | Surendran  |
| Marital Status | Married  |

## Work Experience

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| <b>Professor</b> (37,400-67,000+AGP 10,000) Shastra Faculty, Karnataka Samskrit University, Bangalore.              | 14 September 2018 to date. Academic - teaching, Organising Research Programmes, Implementation of Research Projects, Guiding PhD/Mphil students. |
| <b>Dean</b> Shastra Faculty, Karnataka Samskrit University, Bangalore   | May 2018 to date. Academic affairs.  |
| <b>Head, Department of Vyakarana</b> (Additional Charge) Shastra Faculty, Karnataka Samskrit University, Bangalore. | May 2018 to date. Academic - teaching, Organising Research Programmes, Implementation of Research Projects, Guiding PhD/Mphil students.          |

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| <b>Director, IQAC</b> (Additional Charge), Karnataka Samskrit University, Bangalore.                                       | April 2020 to date. Assuring the quality of Academic and Administration. Working for UGC 12 B recognition and NAAC accreditation                              |
| <b>Director, Prasaranga (Publications)</b> (Additional Charge), Karnataka Samskrit University, Bangalore.                  | 2019 to 2020. Publication of books and journals   |
| <b>Associate Professor</b> (37,400-67,000+AGP 9000) Shastra Faculty, Karnataka Samskrit University, Bangalore.             | 14 September 2015 to 13 September 2018. Academic - teaching, Organising Research Programmes, Implementation of Research Projects, Guiding PhD/Mphil students. |
| <b>Deputy Director</b> , (Additional charge) Post Graduate Studies and Research, Karnataka Samskrit University, Bangalore. | July 2017 to March 2019. Planning, Organising academic workshops and seminars, Designing various courses.   |
| <b>Deputy Director</b> (15,600-39,100+AGP 6000)  | 29 April 2009 to September 2015. Academic, Research and Publication, Organising workshops and seminars  |
| <b>Guest Faculty</b>   | October 2008 to April 2009 at Department of Sanskrit Studies, University of Hyderabad   |
| <b>Senior Linguist</b>   | May 2008 to September 2008 in Department of Sanskrit Studies, University of Hyderabad, Hyderabad.   |
| <b>Guest Lecturer</b>  | July 2006 to April 2008 in Shabdabodha and Language Technology, Rashtriya Sanskrit Vidhyapeetha, Tirupati   |
| <b>Research Assistant</b>  | July 2004 to November 2004 in Machine Translation Project, Rashtriya Sanskrit Vidhyapeetha, Tirupati  |

**Sanskrit Tutor**

S. N. College, Kerala as Spoken Sanskrit  
Tutor, 2002-2003

## Academic Credentials

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### Doctoral Research

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| NET -2007  | University Grants Commission |
| Ph.D in Sanskrit Vyakarana and Computational Linguistics   |                              |
| Title: <i>A Computational model for Linguistic Study of Sanskrit – Balakanda of Ramayana as a Case Study</i> | Kerala University, Kerala    |

### Post Graduation

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| M.A in Sanskrit (Vyakarana)              | Sree Sankaracarya Sanskrit University, Kerala.           |
| M.A in NLP (Natural Language Processing) | Rashtriya Sanskrit Vidyapeetha, Tirupati, Andhra Pradesh |

### Graduation

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| B.A in Sanskrit (Sanskrit, Economics and Politics) | Sree Sankaracarya Sanskrit University, Kerala. |
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### Technical Skills

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1. Post Graduate Diploma in Computer Applications (PGDCA)
2. Latex - A document markup language and document preparation system for the TeX typesetting program

### Programming Language

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PERL  
Python

## NAAC Committees

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1. Peer team visit to SARVAJANIK EDUCATION SOCIETY MAGANLAL THAKORDAS BALMUKUNDDAS ARTS COLLEGE as Member Coordinator which is scheduled from 12/02/2021 to 13/02/2021.
2. Attended as Expert member in DVV Coordination Committee Meeting organised by NAAC on 26 August 2021
3. Attended as Expert member in DVV Coordination Committee Meeting organised by NAAC on 26 July 2021
4. Attended as Expert member in DVV Partners on Sanskrit Manual and SOP on 27 November 2020
5. Attended Assessors Orientation Program organised by NAAC on 14 August 2020
6. Attended meeting for Sanskrit Manual from 10 to 12 February 2020.
7. Attended workshop for Sanskrit Manual on 16 - 17 December 2019.
8. Attended workshop for Sanskrit Manual from 22 to 26 July 2019.

## Guidance

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### PhD

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1. Aiswarya G. Nath: "Paniniyapaddhatyaa kairalyaah Sanganakivyakaranasam-racanam", Karnataka Samskrita University
2. Swati Basapur: "Pali Machine Translation", Karnataka Samskrita University
3. Sarada Susarla: Kridanta Generation and Analysis, Karnataka Sanskrit University
4. Parvata Vardhini: "Comparative Study of Ramayana with Kamparamayana", Karnataka Samskrita University
5. Damodar Narayanan C N: "Editing Manuscript - Vishnusamhita with Harini Vyakhya", Karnataka Samskrit University

### Mphil

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1. Pushpalatha: "Sarvanaamnah Prayogavicaarah", Karnataka Sanskrit University, 2019

2. Hamsa Ravikiran: "Vrttishu Krinjarthavicaarah" Karnataka Sanskrit University, 2019
3. Padmanabha Holla S: "Yajnavalkyasmrtyuktaa Vaartamaniki ca Nyaayapeethavyavastha", Karnataka Sanskrit University, 2019
4. K Pandu Ranga Naidu: "Kridanta Generator and Simulator", Karnataka Sanskrit University, 2019
5. Suneela S: "Shaligramaviracitayah Goladhyayasya Mayukhamalavyakhyayah Sampadanam", 2017, Karnataka Samskrita University
6. Shreevidya: "Bhojanakutuhalam: Bhakshyaprakaranam - A Practical Study", 2017, Karnataka Samskrita University
7. Acyut: "Jivanam: A Scientific Perspective", 2017, Karnataka Samskrita University

### **Others**

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1. Abdul Rasheed K, "Computational Analysis of K V Abhyanka's Sanskrit Grammar Dictionary", Shankaracarya University of Sanskrit, Kaladi, Kerala, 2014
2. Sudish M V, "Computational Analysis of Technical Terms in Nirukta", Shankaracarya University of Sanskrit, Kaladi, Kerala, 2014
3. Harikrishnan: MA Dissertation on "Karaka Tagging on Bhartruhari's Nitisa-takam" in Rashtriya Vidyapeetha, Tirupati
4. Aiswarya G. Nath: MA Dissertation on "Malayalam Morphological Analyser" in Rashtriya Vidyapeetha, Tirupati

### **Publications**

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1. Āyusśabdarūpikā, published by Kvikulaguru Kalidas Sanskrit University, Ramtek and New Bharatiya Book Corporation, Delhi, 2020, ISBN - 978-81-8315-450-5
2. Pāliśśabdarūpikā, published by Kvikulaguru Kalidas Sanskrit University, Ramtek and New Bharatiya Book Corporation, Delhi, 2020, ISBN - 978-81-8315-451-2
3. Karnatakasamskritadhyayanam (Editor) - Vidvatpatrika - A Research Journal of Karnataka Samskrita University, Bangalore, ISSN 2249-1104 in 2020.
4. Bharatiyadarshanagalu (Editor) (in Kannada) by Prasaranga, Karnataka Sanskrit University, ISBN : 978-81929165-6-9
5. Vidvatpatrika-Karnataka-samskritaadhyayanam - A Journal of KSU (Editor) by Prasaranga, Karnataka Sanskrit University, ISSN : 2249-1104 in 2018

6. A Key to Karaka, Chinmaya International Foundation, Veliyanad, Ernakulam, ISBN - 978-93-80864-15-0
7. Kārakārthaprabodhinī, Manipal University Press, Manipal, ISBN 978-93-82460-70-1
8. Knowledge Representation: Navya Nyāya and Conceptual Graphs by Prof Shrinivasa Varakhedi, Chinmaya International Foundation Shodha Sansthan, ISBN - 978-93-80864-15-0 (Co-author)
9. Vivarṇādiviṣṇusahasranāmam, Chinmaya International Foundation Shodha Sansthan, ISBN - 978-93-80864-17-4 (Co-editor)
10. Dhimahi (Journal), Chinmaya International Foundation Shodha Sansthan, ISSN - 0976-3066 (Co-editor)
11. PERL programming for Sanskrit Scholars, Department of Sanskrit Studies, University of Hyderabad (Co-author)
12. Abstract of the International Seminar "Education in All-inclusive Universal Spirituality", Chinmaya International Foundation Shodha Sansthan

### Research Articles Published

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1. "Vaijayantīkośa Knowledge-Net" in the "Proceedings of 6th International Sanskrit Computational Linguistic Symposium", held at IIT Kharagpur, West Bengal, India from October 23-25, 2019, pp. 135-152, ISBN - 978-1-950737-71-0.
2. "Pāli Sandhi - A computational approach" in the "Proceedings of 6th International Sanskrit Computational Linguistic Symposium, held at IIT Kharagpur, West Bengal, India from October 23-25, 2019, pp.182-193, ISBN - 978-1-950737-71-0.
3. "Pali Dhatu Analysis" in Karnatakasanskritadhyayanam - Vidvatpatrika - A Research Journal of Karnataka Samskrita University, Bangalore, ISSN 2249-1104 in 2020.
4. "Pali Morphological Generator" in Proceedings of the National Conference on "Reaching the Unreached through Science and Technology" held on 6 -7 October 2017 at Surana College, Bangalore.
5. "Ayussanskritam" in Proceedings of the National Conference on "Reaching the Unreached through Science and Technology" held on 6 -7 October 2017 at Surana College, Bangalore.

6. “Sarvapatrayamala: A Grammatical Treatise” in Karnatakasamskritadhyayanam - Vidvatpatrika - A Research Journal of Karnataka Samskrita University, Bangalore, ISSN 2249-1104 in 2017
7. “Bhāvalakṣanasaptamīvivecanam” in Dhīmahi - A Research Journal of Chinmaya International Foundation Shodha Sansthan, Veliyanad, Kerala, ISSN 0976-3066 in 2015
8. “Extended Nyaya-Vaiśeṣika Ontology as Applied to Amarakośa KnowledgeNet” published in the proceedings of 5<sup>th</sup> International Sanskrit Computational Linguistics Symposium, pp.95-109, Springer Verlag, Berlin in 2013
9. “Samskratapadaviśeṣakam - Antarjālatale ekaḥ vinūtaṇaḥ āviṣkāraḥ” in Dhīmahi - A Research Journal of Chinmaya International Foundation Shodha Sansthan, Veliyanad, Kerala, ISSN 0976-3066 in 2010
10. “Sanskrit Compound Paraphrase Generator” in Proceedings of ICON-2009: 7th International Conference on Natural Language Processing, Macmillan Publishers, India
11. “An effort to develop a tagged lexical resource for Sanskrit”, published in the proceedings of 1<sup>st</sup> International Sanskrit Symposium in Paris in 2007

## Papers Presented

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### International

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1. “Aayussamskritam : Sanskrit for Ayurveda” in All India Oriental Conference, Kavikuaguru Kalidasa Samskrit University, Nagpore, 10-12 January 2020.
2. “Pali Computational Tools” in All India Oriental Conference, Kavikuaguru Kalidasa Samskrit University, Nagpore, 10-12 January 2020.
3. Presented a paper on “Āyussamskṛtam : A Computational Grammar Courseware for Āyurveda Texts” in the Conference on Churning of Indology organised by Bharatiya Vidvan Parishad at Udupi, Karnataka from 4-6 January 2019.
4. Presented a paper on “Pali Morphological Analyser: A Fresh Attempt” in the Conference on Churning of Indology organised by Bharatiya Vidvan Parishad at Udupi, Karnataka from 4-6 January 2019.
5. Presented a paper on “Tracing the Manuscript of Sarvapatrayamala - A Historical Approach”, World Sanskrit Conference held at Vancouver, Canada from 9-13 July 2018.

6. Presented the tool “Pali Morphological Analyser and Generator”, World Sanskrit Conference held at Vancouver, Canada from 9-13 July 2018.
7. Presented a paper on “E-text of Southern Recension of Mahabharata” organised by Sri Vadiraja Research Foundation, Udipi from 17 - 19 May, 2013
8. Presented a paper on “Extended Nyaya-Vaisesika Ontology as Applied to Amarakosa KnowledgeNet” in International Sanskrit Computational Linguistic Symposium, IIT, Mumbai on 4-6 January, 2013
9. “Sanskrit Compound Paraphrase Generator” in 7th International Conference on Natural Language Processing, ICON-2009
10. “An effort to develop a Tagged Lexical Resource for Sanskrit” in International Sanskrit Computational Symposium, INRIA, Paris on October 29, 30 and 31, 2007

## **National**

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1. Presented a paper on “Ayussamskritam: A computational Course ware for studying Ayurvedic Text ” in a National Seminar on “Relevance of Ayurveda and Yoga in Higher Education” organised by National Assessment and Accreditation Council in collaboration with Karnataka Samskrit University, Bengaluru on 7 April 2021.
2. Presented paper on “NLP Initiatives in India” in the Three Day National Workshop on “Sanskrit and Language Technology” organised by the Department of Sanskrit Sahitya, Sree Shankaracharya University of Sanskrit, Malady, Kerala from 14th to 16th Feb 2019.
3. “Pali Morphological Generator” on 6-7 October 2017 in the National Conference on “Reaching the Unreached through Science and Technology” at Surana College, Bangalore.
4. “Sanskrit Morphological Analyser : A Linguistic Perspective” on 19-23 February 2017 in the National workshop on “Shabdabodha” at Ganganathaparisara, Rashtriya Samskrita Sansthan, Allahabad
5. “Malayalam Grammar: A Paninian Perspective” on 21 September 2014 in the National Seminar on ”Influence of Sanskrit Literature in other Languages” at Chinmaya International Foundation Shodha Sansthan



6. "Sita's Response to Unjust Divorce" in the National Seminar on "Role of Women in Ancient Sanskrit Literature" organised by Karnataka Sanskrit University, Bangalore on 16 September 2014 at Aksharam, Bangalore
7. "Contribution of an Advaita family to Dvaita Philosophy" on 24 August 2013 at Chinmaya International Foundation Shodha Sansthan
8. "Vedic Concordance (Veda and Purana)" in the National conference on Vedic Literature organised by Bharatiya Vidya Bhavan, held from July 21 - 28 2013, Bangalore
9. "Morphological Analyser" at Department of Computer Science, University of Mumbai on 25 October 2012
10. "Possibilities of Sanskrit and Informatics" at Department of Sanskrit Sahitya, Sree Sankaracarya University of Sanskrit, Regional Centre, Thrissur on 29 March 2012
11. "Women writers in independent India" at Chinmaya International Foundation Shodha Sansthan, Ernakulam on 27-28 March 2012
12. Panini and Linguistics in two day National Workshop organised by Department of Vyakarana, Government Sanskrit College, TVPM on 1-2 March 2012
13. "Sarvapatyayamālā", in a National Seminar on "Less Known Grammatical Manuscripts, Theories and Grammarians", Centre of Advanced Study in Sanskrit, Pune on 28 - 29 November 2011
14. "Ashtadhyayi: A Computer Program" in National Workshop on Making of The Ashtadhyayi, Sree Rama Varma Govt. Sanskrit College, Tripunithura on 21- 22 August, 2011
15. "Shabdabodha Generator" in National Workshop on Developing a Kāraka Analyser for Sanskrit, Centre for Advanced Studies, Pune, 1 - 7 December 2010
16. "Samskrutam-sanganakam" in National Workshop on Samskruta-sanganaka, Poornaprajna Vidyapeethom, Bangalore on 17-19 August, 2011
17. Sanskrit Samaasa vighraha generator, Accepted in National Seminar on Computer Science and its Applications in Traditional Shastras (CSATS'09) on 13th and 14th February, 2009
18. "Computational Analysis of Kridanta in Sanskrit" in National Seminar cum Workshop on Knowledge Representation in Sanskrit and Computer, Department

of Sanskrit Vyakarana, Sree Sankaracharya University of Sanskrit Kalady, Kerala on February 27, 28 and March 1st 2006

19. “Computational Concepts in Ashtadhyayi” in Three Day National Seminar on Sanskrit – Tradition and Modern Trends conducted by Sree Neelakantha Government Sanskrit College Pattambi, Kerala on 4th to 6th January 2006.
20. Building a Wide Coverage Morphological Analyser for Sanskrit: A Practical Approach, accepted for 'First National Symposium on Modelling and Shallow Parsing of Indian Languages', 31st March - 4th April 2006, IIT Mumbai

### **Courses Prepared**

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1. Post Graduate Diploma on Sanskrit Computational Linguistics at Karnataka Sanskrit University
2. Course Material for Course I on Learning Sansrit Language Structure Directed by Prof V N Jha
3. NLP Course for PGDCA, Somanatha University, Gujarat
4. NLP and Information Technology Course for Department of Vedanta, Sree Sankaracarya University of Sanskrit, Kaladi, Kerala
5. NLP Course for Department of Vyakarana, Sree Sankaracarya University of Sanskrit, Kaladi, Kerala

### **Major/Minor Projects**

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#### **Major Projects**

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##### **1. Pali Morphological Generator and Analyser**

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This project is funded by Pali Institute, Kalaburgi to develop computer tool for generating and analysing Pali words. The tool is being developed based on the Paninian rules. This module will help the reader to understand the Pali texts. It will be a helping hand for the beginners of Pali language.

##### **2. Balashtadashi**

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This project is funded by MHRD under Ashtadashi Scheme. The aim of the project is to create interest in the mind of children regarding Sanskrit. To develop memory, focus and concentration skills in children through learning Sanskrit. Series of 18 products in different areas for Children named ‘ Web based,

CD based, Android apps, IOS apps. Products contain more of interactive games, activities which enhance the memory, focus, concentration of the children.

### 3. Sarvapratyayamālā

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Sarpapratyayamālā is a grammatical treatise written by a Keralite Shankararya in verse form. All praryayas of Paniniyan grammar with suitable illustrations are narrated beautifully in this treatise. Six manuscripts are available at various institutions. The object of the project is to edit the manuscripts critically and publish with pratyaya index.

## Students' Projects

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### 1. Vaijayantikosha - Knowledge Net

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Vaijayantīkośa is a samskrit lexicon that is much more comprehensive and voluminous than Amarakośa, the lexicon which is the oldest available Kośa in Samskrit. In an attempt to enrich the Sanskrit literary world with lesser known and used terms from Vaijayantīkośa, this project attempts to create a tool that maps the 'synsets' and ontology of the kośa on the same lines as has been done for Amarakośa. Borrowing the format that has been adopted by Sanskrit department of University of Hyderabad, an attempt has been made to create a web tool that will enable users to access 'synsets' of samskrit terms that are mentioned in Vaijayantīkośa. The objective of the tools is to provide preliminary information to researchers from different fields of study to explore the knowledge contained in the kośa with the help of systematic synsets and ontological structure

### 2. Namadhatu - Generator and Analyser

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The project deals with building analysis and generator tools for Namadhatus – specifically focusing on codifying the specific rules to generate and identify Namadhatus. In this first attempt, we have considered the most important rules and further work is described later in the future work section.

Namadhatu Generator/Analyser tool helps the user in enhancing his/her knowledge in sanskrit. The tool provides useful information about the Namadhatus and their forms.

NamaDhatu Analyzer tool helps the user to analyze a given Namadhatu form. This tool can become a part of Machine Translation System in future.

### 3. E-SA (The Electronic Śloka Architect)

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Computational method for architecture of Sanskrit prosody

The advent of computer science has given a new dimension for analysis and recognition of Chandas for a given verse, however there are challenges to recognize partial matches, fault identification and correction and methods to architect śloka for a given Chandas. In this work<sup>6</sup>, we have augmented the computational algorithm (E-SA, Electronic – Śloka Architect) to identify a large set of Chandas and provided techniques for partial matches and paradigms for identification of faults and possible corrections.

### Projects Handled

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#### 1. Chinmayagranthapushpam

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Collection and Publication of erudite scholars.

#### 2. Morphological Analyzer

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Developed a Computer Tool to analyse the Sanskrit Words. It will analyze a given word or a text and produce the grammatical features as root, gender, number etc. as output.

#### 3. Vacaspatyam

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It will produce the syntactic and semantic part of any word of Vacaspatyam. Tagset Design and Tagging was done by me in this project.

### Conferences/Seminars/Workshops attended

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#### International

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1. Presented a paper on "Vāg-Vai Jāyā: distending world through word" by in the International Seminar on "Indian thoughts on Language, Literature and Morality" organised by Manipal University on 27 March 2021.
2. Presented a paper on "Vaijayantikosha Knowledge Net" in the 6th International Computational Linguistic Symposium held at Indian Institute of Technology, Kharagpur, West Bengal on 23 - 25 October 2019

3. Presented a paper on "Pali Sandhi: A Computational Approach" in the proceedings of the 6th International Computational Linguistic Symposium held at Indian Institute of Technology, Kharagpur, West Bengal on 23 - 25 October 2019
4. Presented a paper on "Pali Morphological Analyser: A Fresh Attempt" in the Conference on Churning of Indology organised by Bharatiya Vidvan Parishad at Udupi, Karnataka from 4-6 January 2019.
5. Presented a paper on "Pali Morphological Analyser: A Fresh Attempt" in the Conference on Churning of Indology organised by Bharatiya Vidvan Parishad at Udupi, Karnataka from 4-6 January 2019.
6. Attended 4-Day National Tutorial Workshop on "Shastric Research Methodology" Organise by KKSU, Indic Academy and MIT School of Vedic Studies during 20-23 Oct 2018 at Nagpur.
7. International Workshop on "New Research Frontiers" at Aksharam organised by Karnataka Samskrit University, Bangalore on 20 - 22 November 2017
8. A Two week International Summer School on "Word and World: A Philosophical Inquiry", jointly organised by Chinmaya International Foundation Shodha Sansthan and Manipal University at Chinmaya International Foundation Shodha Sansthan from 12 - 25 July 2015
9. A Two week International Summer School on "Living Philosophies and Cultures of India", jointly organised by Chinmaya International Foundation Shodha Sansthan and Manipal University at Chinmaya International Foundation Shodha Sansthan from 24 July - 7 August 2014
10. A week International Seminar on "Education All-inclusive Universal Spirituality" at Chinmaya International Foundation Shodha Sansthan from 14 - 19 November 2013
11. International Conference on Human Rights and Sanatana Dharma: Implications for Global Citizenship at Bharatiya Vidya Bhavan, Bangalore on May 8, 2013
12. Lecture on "Sanskrit Research Today" by Prof. Ashok Narhar Aklujkar on 14 December 2012
13. Lecture on "The Brahmakanda of Vakyapadiya" by Prof. George Kardona at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala in January 2010
14. Third International Sanskrit Computational Linguistics Symposium, at Hyderabad, 15th Jan - 17th January 2009

15. International conference on natural language processing, CDAC Pune, India, on 20 - 22 December 2008
16. First International Sanskrit Computational Linguistics Symposium, at Paris, 29 - 31 October, 2007

## National

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1. Presented on “Project Funding” in the Faculty Development Program organized by IQAC, Karnataka Samskrit University, Nov 2020
2. Presented online on ”Online Tools and Resources for Sanskrit Learning” organised by Kavikulaguru Kalidasa Samskrit University, Ramtek on 02 May 2020
3. “Computational Aspects of Nyaya” in “Computational Perspectives in Navya Nyaya” Conducted by Department of Sanskrit Nyaya, Sree Sankaracharya University of Sanskrit, Kalady from 19th to 26th January 2019
4. Presented a paper on “Āyussamskiṛtam : A Computational Grammar Courseware for Āyurveda Texts” in the Conference on Churning of Indology organised by Bharatiya Vidvan Parishad at Udupi, Karnataka from 4-6 January 2019.
5. A two day National Conference on “Shuklayajurveda” at Karnataka Samskrita University from 18 to 19 April 2017
6. A Vyakaranavarga at Ganganathaparisara, Rashtriya Samskrita Sansthan, Allahabad from 24 to 25 February 2017
7. A two week Workshop on “Pramanapaddhati: The Path of Proof” at Aksharam, Bangalore organised by Karnataka Samskrita University with the financial Assistance from ICPR from 1 to 10 February 2017
8. A two day National Seminar on “Bhaktiparampara” at Karnataka Samskrita University held on 5 - 6 August 2016
9. A two day National Seminar on “Ontological Status of the Perceived World” at Karnataka Samskrita University from 4 to 5 March 2016
10. UGC Sponsored Orientation Programme at Bangalore University, Bangalore from 25 May - 20 June 2015
11. A two week workshop on “Learning Sanskrit Language Structure: Theory and Application (level II) at Chinmaya International Foundation Shodha Sansthan from 12 to 17 November 2014

12. A two week workshop on “Learning Sanskrit Language Structure: Theory and Application (level I) at Chinmaya International Foundation Shodha Sansthan from 16 to 30 June 2014
13. National Seminar on “Study of Idiomatic Expressions in Sanskrit” organised by Karnataka Sanskrit University and Samskrita Bharati at Aksharam, Bangalore 10 - 12 August 2014
14. A Two week Textual Workshop on “Learning Sanskrit Language Structure” at Chinmaya International Foundation Shodha Sansthan from 16 - 30 June 2014
15. Seminar on Contribution of Kerala to Indian Philosophy at Chinmaya International Foundation Shodha Sansthan from 23 - 24 August 2013
16. A two week workshop on Navya Nyaya Language and Methodology (level III) at Chinmaya International Foundation Shodha Sansthan from 5 to 17 August 2013
17. Foundation day seminar and workshop on Kulashekhara Fest from 24 February, Chinmaya International Foundation Shodha Sansthan on 2 March 2013
18. A two week workshop on Navya Nyaya Language and Methodology (level II) from 11 to 23 February 2013 at Chinmaya International Foundation Shodha Sansthan
19. Workshop on “Indian Philosophical Tradition and Western Philosophical Methods” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala from 21 - 30 November 2012
20. Workshop on “Introduction to Knowledge Representation in Eastern (Navya Nyaya) and Western Logic” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala on 3 - 8 September 2012
21. Two day colloquium to mark the 25 years of NLP research in India from Paninian Perspective organised by Department of Sanskrit Studies, University of Hyderabad, Hyderabad on 2 - 3 August 2012
22. Workshop on “Navya Nyaya Language and Methodology (Level - I)” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala on 2 - 13 July, 2012
23. Colloquium on “Indian Aesthetics – Discourse on Dhvani” on 25 September 2011
24. 40 day Advanced Workshop on “Manuscriptology and Palaeography” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala in November 2010
25. Workshop on “Research Trends in Sanskrit and Indology” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala in August 2010

26. Lecture on “A Brief Analytical Study of Indian Philosophy” by Prof. V N Jha at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala in June 2010
27. Tattvabodha Lecture by Prof. N.P. Unni at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala in March 2010
28. Lecture on “The Approach of Researches and Publications in the Present Scenario” by Prof. Saroja Bhate at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala on 21 January 2010
29. Workshop on “Karaka Tagging” at Department of Sanskrit Studies, University of Hyderabad, Hyderabad on 29-30 December, 2010
30. Workshop on “Text Encoding Initiative” at Department of Sanskrit Studies, University of Hyderabad, Hyderabad on 28 December, 2010
31. Workshop on “Philosophy of oneness - Bridging East and West” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala in December 2009
32. Foundation course in Indian Logic and Epistemology on 1 - 14 June 2009
33. Manuscriptology and Palaeography in Sanskrit, 17 - 22 March 2008, University of Hyderabad
34. Workshop on “Machine Learning” at Navi Mumbai (Kharghar) campus on 19-20 December, 2008
35. Lecture Series on “Asiddhvat section in Ashtadhyayi”, 12th Sept - 15th September 2008, University of Hyderabad
36. Three Day National Seminar on Sanskrit – Tradition and Modern Trends conducted by Sree Neelakantha Government Sanskrit College Pattambi, Kerala on 4 to 6 January 2006.
37. “Prakaranagrantha Prasikshana Saalaa” in Sanskrit Vyakarana conducted by Rashtriya Sanskrit Vidyapeetha, Tirupati from 15th June to 14th July, 2005.
38. National Seminar cum Workshop on Knowledge Representation in Sanskrit and Computer, 27th February - 1st March 2006, Sree Sankaracharya University of Sanskrit, Kalady
39. National Workshop on “Parsing English: A Paninian View”, Department of Sanskrit Studies, University of Hyderabad, 13th Nov 2006-18th November 2006
40. National workshop on “Sanskrit and Computers” at Sri Shankaracharya University of Sanskrit, Kaladi, from Feb 27- 2nd March, 2006



## Invited Lectures/Chairing Sessions

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1. Delivered a lecture on “Innovative Methods for Teaching Sanskrit Grammar” for the teachers of Delhi public school organised by DPSS HRDC on 27 August 2021.
2. Delivered a lecture on “How to make Sanskrit Class Room Effective?” in the One week International Workshop on ”Practical Applications of Sanskrit” jointly organised by Global Sanskrit Forum, Andhra Pradesh and Department of Second Languages, St. Joseph College for Women, Vishakhapatnam on 27th June 2021.
3. “E-Resources” in “Samskrita-e-Satta” by Department of Sanskrit General, Sree Sanakaracharya University of Sanskrit, Kalady on 22nd March 2021.
4. Given an invited lecture on “Plotting Your Career Graph in Samskritam” on the occasion of Samskrit Day Celebrations organised by IQAC and Department of Sanskrit, Shri Shankarlal Sundarbai Shasun Jain College for Women, Chennai on 25th July 2020
5. Delivered a lecture on “Navya Nyaya and Computer Application” in the National Webinar organised by Sree Sankarcharya University of Sanskrit, Kalady on 27th July 2020
6. Delivered lecture on “Introduction & Scope of Sam-Bhasha” in the National webinar in Two Day National Webinar on ”Introduction to Sanskrit Computational Tools” organised by St. Joseph’s College for Women in collaboration with Anuvaak Technologies Pvt Ltd on 7th - 8th June 2020
7. Conducted and delivered 5 lectures in Faculty Development Program organised by Shankara College in collaboration with Department of Vyakarana, Karnataka Samskrit University, 2020
8. Delivered lecture on “NLP Initiatives in India” in Three Day National Workshop on Sanskrit and Language Technology” Conducted by Department of Sanskrit Sahitya, Sree Sankaracharya University of Sanskrit, Kalady from 14th - 16th February 2019
9. Delivered Lectures on “Computational Perspectives in NavyaNyaya” in the Eight Day National Workshop on “Computational Perspectives in NavyaNyaya” organised by the Department of Nyaya, Sree Shankaracharya University of Sanskrit, Malady, Kerala from 19th to 26th Jan 2019.
10. Delivered lectures on Sanskrit Computational Linguistics in Sanchi University, Bhopal from 8 - 12 April 2018.

11. Delivered lectures on Sanskrit Structure in A Two week International Summer School on “Word and World: A Philosophical Inquiry”, jointly organised by Chinmaya International Foundation Shodha Sansthan and Manipal University at Chinmaya International Foundation Shodha Sansthan from 12 - 25 July 2015
12. Chaired a session in the Seminar “The role of Women as Reflected in Sanskrit Literature” organised by Karnataka Sanskrit University, Bangalore on 15 - 17 September 2014
13. Delivered lectures on Sanskrit Structure in A Two Week International Summer School on “Living Philosophies and Cultures of India” at Chinmaya International Foundation, jointly organised by Chinmaya International Foundation Shodha Sansthan and Manipal University from 24 July to 7 August 2014
14. Delivered lectures on Sanskrit Sandhi during the workshop on ”Learning Sanskrit Structure” directed by Prof V N Jha at Chinmaya International Foundation from 16 - 30 June 2014
15. External Expert for preparing syllabus for NLP for Syllabus Re-structuring for designing new syllabus in Sanskrit Vedanta on 23 - 24 January 2014
16. External Expert for preparing syllabus for NLP for Syllabus Re-structuring for designing new syllabus in Sanskrit Vyakarana on 20 January 2014
17. “Sanskrit Language Tools” at AVP, Centre of Learning held during 23 September - 1 October 2013
18. “Introduction to Knowledge Representation in Eastern (Navya Nyaya) and Western Logic” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala on 3 - 8 September 2012
19. Delivered a lecture on ”Computer and Sanskrit” at Guruvayoor Campus, Puzhanthara, Kerala on 11 June 2012
20. “A Six-day Workshop on Sanskrit Computational Tools to Understand Sanskrit Texts” at Chinmaya International Foundation, Ernakulam, Kerala From 22nd to 27th December 2011
21. Delivered lecture on Sanskrit and Computer in a workshop on Sanskrit-Hindi Machine Translation Organised by Poorna Prajna Vidyapeethom, Bangalore on 17 - 19 August 2011
22. Delivered lectures on Informatics in a workshop on Informatics organised by Sree Shankaracarya Sanskrit University, Kalady

23. Delivered lectures on XML Tagging in a workshop on Preparing Sanskrit Text Suitable for Computational Research at Chinmaya Internationa Foundation Shodha Sansthan in 2011
24. Delivered lecture on E-Library in a workshop on Manuscriptology and Reseach Methodology at Sanskrit Academy, Hyderabad from 17 - August to 6 September 2009
25. Delivered lecture on Samasa Tagging in a workshop on Samāsa Tagging for the development of Sanskrit Computational Tool-kit and Sanskrit-Hindi Machine Translation System organised by Poorna Prajna Vidyapeethom, Bangalore on 16 - 19 May 2009
26. “Short Term Training Program in NLP for Sanskrit Teachers” conducted by Rashtriya Sanskrit Vidyapeetha, Tirupati form 17th – 26th July 2006

### **Co-ordinated/organised Programs**

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1. Organised one week Faculty Development Program on Excellence in Creative Teaching and Research organized by IQAC, Karnataka Samskrit University, 12 - 17 October 2020
2. Organised a workshop on CBCS implementation organized by IQAC, Karnataka Samskrit University on 23 October 2020 Organised a national webinar on Transformation of Sanskrit Varsities, NEP 2020 by IQAC, Karnataka Samskrit University on 24 August 2020
3. Conducted and delivered 5 lectures in Faculty Development Program organised by Shankara College in collaboration with Department of Vyakarana, Karnataka Samskrit University, 17 - 21 August 2020
4. “Two week National Level Online Faculty Development Program on E-content design, Development and Delivery” Organized by Kavikulaguru Kalidasa Sanskrit University, Ramtek, Nagpur, Maharashtra, 18th to 27th June, 2020.
5. “One Day National Webinar on Transformation of Sanskrit Varsities, National Education Policy 2020, Organized by IQAC, Karnataka Samskrit University, Bengaluru on 24th August 2020.
6. “E Resources for Teaching and Learning” Organized by Indira Gandhi National Open University, Regional Centre Bangalore, in Collaboration with Government Science College Bangalore held on 22nd July 2020.

7. Convened an International Workshop on “New Research Frontiers” at Aksharam organised by Karnataka Samskrit University, Bangalore on 20 - 22 November 2017
8. Conducted a Two day workshop on “Pali Morphological Generator and Analyser” at Kavikulaguru Kalidasa Samskrit University, Ramtek, Nagpur on 26-27 March 2018.
9. A two week Workshop on “Pramanapaddhati: The Path of Proof” at Aksharam, Bangalore organised by Karnataka Samskrita University with the financial Assistance from ICPR from 1 to 10 February 2017
10. A Two week International Summer School on “Kalayoga”, jointly organised by Chinmaya International Foundation Shodha Sansthan and Karnataka Samskrita University at Chinmaya International Foundation Shodha Sansthan in June 2016
11. A Two week International Summer School on “Word and World: A Philosophical Inquiry”, jointly organised by Chinmaya International Foundation Shodha Sansthan and Manipal University at Chinmaya International Foundation Shodha Sansthan from 12 - 25 July 2015
12. A Two Week International Summer School on ”Living Philosophies and Cultures of India”, jointly organised by Chinmaya International Foundation and Manipal University from 24 July to 7 August 2014 at Chinmaya International Foundation.
13. Workshop on “Indian Philosophical Tradition and Western Philosophical Methods” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala on 21 - 30 November 2012
14. Workshop on “Introduction to Knowledge Representation in Eastern (Navya Nyaya) and Western Logic” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala on 3 - 8 September 2012
15. Workshop on “Navya Nyaya Language and Methodology (Level - I)” at Chinmaya International Foundation Shodha Sansthan, Ernakulam, Kerala on 2 - 13 July, 2012
16. “A Six-day Workshop on Sanskrit Computational Tools to Understand Sanskrit Texts” at Chinmaya International Foundation, Ernakulam, Kerala From 22nd to 27th December 2011
17. Sanskrit Day Celebrations, 2 - 3 November 2011

18. Workshop and a training program on "Preparing Sanskrit Texts Suitable for Computational Research" and "Computational Aspects of Ashtadhyayi" at Chinmaya International Foundation Shodha Sansthan from 18th to 20th March 2011

### **Publication Assistance**

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1. Līlāvātī - Part II - A B Anantapadmanambha Rao
2. Līlāvātī - Part I - A B Anantapadmanambha Rao
3. Synthesis of Yoga – Prof.R.Balasubramaniam
4. Logic of Paramarsa – Prof.V.N.Jha
5. Sree Ramakrishnacaritam – Sri Ramakrishna Warriar
6. Laghukarnamritam of Sri Govinda Kavi – Prof.K.V.Vasudevan
7. Smarthaprayaschittam of Nilakanthayogiswara – Prof.K.V.Vasudevan
8. Sree Padmapadacaritam of Durgaprasada Yati – Prof.K.V.Vasudevan
9. Primal Spirituality, Philosophical Knowledge and Plenary Experience - Prof.R.Balasubramaniam
10. Sukti Sudha - - Compiler - Dr.A Ramaswami Iyengar Dr.B.S.Ramakrishna Rao, Translator - Prof.Ratnam, Br.Vividisha Chaitanya
11. Dhimahi Vol.I – Research journal of Chinmaya International Foundation Shodha Sansthan
12. Tarkasangraha – Prof.V.N.Jha
13. Dhimahi Vol.II – Research journal of Chinmaya International Foundation Shodha Sansthan
14. Bandhanastoniruddha – Sri.Raman Master
15. Dhimahi Vol.III (Special Issue) – Research journal of Chinmaya International Foundation Shodha Sansthan
16. Kridaniyakam – Dr.N.K.Geetha
17. Vedic Etymology and Semantics: A Linguistic Approach – Dr.Parvathy K.P.
18. Kavyakanthacaritam – Dr.Penna Madhusudan
19. Chinmayacaritam – Sri.K.Ramakrishna Warriar
20. Vedantasangraha of Ramaranyakavi- Prof.R.Balasubramanian
21. Dhimahi Vol.IV – Research journal of Chinmaya International Foundation Shodha Sansthan

22. Vakaradi Vishnusahasranama of Ramaranyakavi
23. Tattvopaplavasimha of Jayarasi, Ed. Prof.V.N.Jha

### **Areas of Interest**

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1. Sanskrit Computational Linguistics
2. Computer Languages and LINUX
3. Latex
4. Sanskrit Vyakarana
5. Manuscript Editing
6. Research

### **Languages Known**

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Malayalam, Sanskrit, English, Hindi, Telugu, Kannada, Pali

### **References**

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