

07-Day National Workshop on Computational Sanskrit

Title of the Workshop:-National Workshop on Computational Sanskrit

Organized by: P.G. Department of Sanskrit, University of Jammu, Jammu.

Duration: 07 + 07 Days (Two Phases i.e Basic Level & Advance Level)

Mode: Online

Eligibility: Anyone with a Basic Knowledge of Computer & Computer Applications can join the programme.

Age Limit: One who fulfill the eligibility criteria can be of any age.

Proposed Tentative date: July 17th 2026 to July 24th 2026 for Phase 1st and December 2026 for Phase 2nd.

Fee for the workshop: Rs. 500/- only

Timing of the Workshop: 10:00 Am to 04:00 Pm (Sunday will be holiday). Four Lectures a day followed by a group discussion session in the end of every day

Objectives of the Workshop

This aims of said workshop is to provide principled understanding and practical exposure to Sanskrit language processing tools and technologies. to introduce Participants i.e common man/ Sanskrit students, Scholars, Linguistics Students, Scholars, Computer science Students, Scholars, Traditional Sanskrit Students, Scholars & Faculty members of the various disciplines to the interdisciplinary field of Computational Sanskrit by synthesizing Panini's Sanskrit Grammar, Linguistics and Contemporary computational skills.

Specific objectives:

1. The main aim of the workshop is to encourage interdisciplinary research in Sanskrit and technology.
2. To introduce the participants with the fundamentals of Computational Sanskrit.
3. To show how Sanskrit Language is suitable for computation.
4. To introduce the participants with Natural Language Processing i.e NLP concepts.
5. To provide practical knowledge of Sanskrit computational tools, Sanskrit Text digitization and paraphrasing methods.
6. To provide knowledge about AI applications in Sanskrit Studies.

Learning outcomes of the workshop:

The expected Learning outcomes after completion of the workshop can be as under:

1. The participants will be able to understand the basics of Panini Grammar's concepts and Sanskrit computational Linguistics.
2. Participants may able to perform basic Sanskrit text processing.
3. Participants may able to use Digital Sanskrit Corpus, Linguistics tools and Understanding machine translation.
4. Understand Natural Language Processing NLP techniques for Sanskrit language.
5. This workshop will make participants to generate ideas to develop minor/Major projects related to Computational Sanskrit & Sanskrit language.

Day wise Programme of the Workshop:

Day 1: Inauguration and Introduction about the workshop and Computational Sanskrit, Basic Structure of Panini Grammar and Sanskrit Language.

Day 2: Basic Sanskrit Linguistics (Phonetics and Morphology), Basic Sanskrit Upsarg & Pratyay.

Day 3: Sanskrit Karaka's & Sandhi's in Sanskrit Grammar, Sandhi's Processing and Morphological Analysis.

Day 4: Introduction to Sanskrit Corpora and Digital Resources, Natural Language Processing (NLP).

Day 5: Digitization, Unicode and Encoding of Sanskrit Text, Introduction to Computational Sanskrit tools.

Day 6: Artificial Intelligence and Sanskrit Language, Basic knowledge of Python and other machine programming languages for Sanskrit Processing.

Day 7: Machine Translation in Sanskrit Language. Presentation, Group Discussion projects ideas and future planning & feedback, Valedictory and Certificate distribution.

Coordinator-National workshop

Dr. Harish Kumar

Assistant Professor,

Department, of Sanskrit,

University of Jammu.

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Convener- Workshop

Prof. Ram Bahadur

HOD Sanskrit,

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Jammu.

Mob: 9419233034

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Note: For any inquiry please feel free to contact Coordinator / Convener of the workshop.



**POST GRADUATE DEPARTMENT OF SANSKRIT
UNIVERSITY OF JAMMU, JAMMU, JKUT-180006**

**Registration Form
Seven Day online National Workshop on Computational Sanskrit
17th to 24th July 2026 (Phase-1) Basic Level**

Name of the applicant.....

Name of the Institution.....

Designation.....

Mob. No..... Email.....

Correspondence Address:

Registration Fee: **Rs 500/-**

Fee Detail:

Account Holder Name: **HOD, Sanskrit, University of Jammu.**

Account No. **0345040100000182**

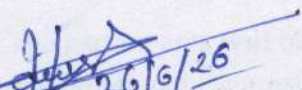
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Bank Address: **New University Campus**

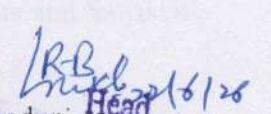
IFSC CODE: **JAKA0CANAAL**

Note: The applicants are hereby directed to share the screenshot of the registration fee paid by them along with the registration form on drharishju24@gmail.com

Signature of the Applicant


Coordinator-National workshop
Dr. Harish Kumar
Assistant Professor,
Department, of Sanskrit,
University of Jammu.
Mob: 9797635293
E-mail: drharishju24@gmail.com

Signature of the Authority

Convener- Workshop 
Prof. Rambhadrur Head
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ORDER

The Dean Academic Affairs is pleased to accord sanction in favour of the Head, Department of Sanskrit, University of Jammu, Jammu for the organization of online seven days National Workshop on "Computational Sanskrit" Basic level w.e.f. July 17-24, 2026.

Abusca
19/6/26

Joint Registrar

(Academic Affairs)

Order
19/6/2026 19/6/26

23/6/26

No: DAA/26/ 19 07 -06 09

Date: 22/6/26

Copy to:

1. Sr. P.A. to the Dean Academic Affairs for the information of the DAA
2. The Head, Department, Sanskrit, University of Jammu for information



P.G. Department of Sanskrit, University of Jammu
organises
7-Day Workshop on Computational Sanskrit
on
17-24 July, 2026



About the Workshop

This 7-day National workshop designed to introduce students, researchers, Teachers, and technology enthusiasts to the field of Computational Sanskrit. Explore how Sanskrit grammar, linguistics, artificial intelligence, and natural language processing intersect to create innovative digital tools and research opportunities.

Workshop Highlights

- Foundations of Sanskrit Grammar for Computational Applications
- Introduction to Computational Linguistics
- Sanskrit Text Processing and Annotation
- Natural Language Processing (NLP) Techniques
- Machine Translation and Parsing of Sanskrit Texts
- Digital Sanskrit Resources and Tools
- Hands-on Projects and Practical Sessions
- Research Trends and Future Opportunities

Cordinator: Dr. Harish Kumar

**Assistant Professor, Department of Sanskrit,
University of Jammu
Mobile no. 9797635293**



Mode - Online

Duration - 7 Days

Learning Outcomes

- Participants will able to
- Understand the fundamentals of Computational Sanskrit.
- Gain exposure to Sanskrit NLP tools and methodologies.
- Learn basic text analysis and processing techniques.
- Explore research and career opportunities in Digital Humanities and AI.

Who Can Participate?

- Undergraduate and Postgraduate Students
- Research Scholars
- Faculty Members
- Sanskrit Enthusiasts
- Computer Science and AI Learner

**Convener: Prof. Ram Bahadur , HOD Sanskrit
University of Jammu
Mob.: 9419233034**

Certificate E-Certificate/Participation Certificate will be awarded to all participants upon successful completion.

Limited seats available. Register early to secure your participation

For registration - www.jammuuniversity.ac.in