Kamala Nehru College
University of Delhi

Computational Resources and Application for Sanskrit

March 15-30, 2021 | 04PM - 06 PM
(on Zoom/Google Meet/YouTube)

Sanskrit has a very rich tradition of knowledge of science and technology. In the era of Information Technology (IT), computers, tablets and smart phones have basically changed and innovated the methods of teaching and learning through the internet. Nowadays, everyone seeks the instant information over internet on computer, laptop, tablet and smart phones. Students don't want to carry the heavy reading materials. There are huge educational contents related to all subjects (except most of the Indian languages) are available online. The majority of students engaged in learning Sanskrit are familiar with Hindi medium. There are very limited contents available in Devanagari script for Sanskrit. To fulfill the requirement and availability of educational materials for Sanskrit needs more efforts need to be done in the form of training the new generation in the skillful techniques of content creation and development of various tools in the area mentioned above.

Therefore, Kamala Nehru College, Siri Fort, New Delhi, University of Delhi is organizing **15 days certificate programme** on **"Computational Resources and Application for Sanskrit".** The major objective of the course is to provide hands-on training for e-resource creation and tools development for Sanskrit. The topics will include (but not limited to)– Computational resources, digitization of Sanskrit texts, preservation and accessibility mechanisms, development of critical tools and application of Sanskrit.

Topics to be covered:

- **Computational Linguistics and Sanskrit**
- **Computational Linguistics Tools for Sanskrit: a survey**
- **Machine Translation**
- **Scripts, Fonts, Unicode, IAST transliteration**
- **Text editing/Typing tools for Sanskrit in Unicode**
- **Text Digitization and search for Sanskrit**
- **Sanskrit Grammar and Computation**
- **Web based Tool Development: HTML**
- **Web based Tool Development: HTML and CSS**
- **Web based Tool Development: HTML and CSS**
- **Web based Tool Development: Basics**
- **Speech Technology Development for Sanskrit**
- **Basics of Python for Programming**
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Registration:

Registration Link:

https://forms.gle/qm5shGhHgXQtZDe8A

Scan Code for Registration

During the registration payment proof to be uploaded in pdf of jpg format.

Important Date:

Last date of Registration: **March 13, 2021**

Registration Fee:

Faculty Members:	Rs. 750/-
Research Scholars:	Rs. 500/-
Students:	Rs. 250/-

Registration fee to be deposited in following College account:

Account No.:	10732134358
Name Beneficiary:	K. N. C.
Bank:	State Bank of India
Branch:	South Ext. Part 2, New Delhi-110049
IFSC	SBIN0003219

Target audience:

Any student, researcher or entrepreneur who is interested in promoting Sanskrit in the digital world. The e-certificate will only be given to those registered participants who will complete all the sessions of 15 days and submit feedback forms.

Program Coordinator:

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