



**S-VYASA**

Deemed to be University  
Bengaluru, India



Samskr̥tam . Samskr̥tiḥ . Samskr̥rah

www.vyoma.org

## WORKSHOP ON

# Mining IKS Research Sources: Digital Tools and AI Techniques

(A collaborative initiative between S-VYASA and Vyoma Linguistic Labs Foundation)

"Bridging Tradition  
and Technology for IKS  
Research"

### Salient Features of the workshop

- Use of computational linguistic tools
- Sourcing and digitizing Indian Knowledge Systems
- AI-based research methods
- Exploration of digital databases
- Learn to create customized AI tools for research purposes
- Hands-on demonstrations and practical tasks in each session
- Emphasizes interactive learning experience.
- Overcome challenges in IKS digitization and AI implementation

### Suggested Learning outcomes:

1. Awareness of IKS repositories
2. Sanskrit digitation skills.
3. Key Sources for literature review
4. Challenges and solutions in searching IKS sources
5. AI-based techniques and precautions



**Mode: Online**



**22 November 2024  
23 November 2024**



**2:00 PM to 5:00 PM IST  
(Both Days)**

### Keynote Speakers



**Dr Viswanathan P**  
CEO of Vyoma Linguistic  
Labs Foundation



**Dr Venkatasubramanian**  
Founder of Vyoma  
Linguistic Labs Foundation



**Dr Sowmya Krishnapur**  
Chief Linguist Scholar  
Vyoma Linguistic Labs  
Foundation



**Shri Shakarama Sharma**  
Techno-Linguistic  
Scholar  
Vyoma Linguistic Labs  
Foundation

**E-certificate provided upon  
successful completion.**

### Registration Fee

Non-SVYASA Applicants:	Rs 1,000
SVYASA, Sushrutha Students & Faculties:	Rs 750
International Students:	\$20 USD

**Last date to register  
20th November 2024**

**REGISTER  
NOW**

Scan QR code to apply



### Fees Payment Details

**Bank: State Bank of India  
Branch: Jigani**

**Account Number: 31527257460  
IFS Code: SBIN0011355**

or

**Scan here to pay**



**For More Details  
phd@svyasa.edu.in  
7827607349**

Organized by

Phd Cell, & Division of Yoga-Spirituality

**Prof M Jayaraman**  
Professor & Dean

**Dr Soubhagyalaxmi Mohanty**  
Assistant Professor and Phd Coordinator

<https://shorturl.at/JclyV>

Connect: @SVYASA\_DEEMED\_TO\_BE\_UNIVERSITY

@svyasabl

[www.svyasa.edu.in](http://www.svyasa.edu.in)

## AGENDA FOR THE ONLINE WORKSHOP

### MINING IKS RESEARCH SOURCES: DIGITAL TOOLS AND AI TECHNIQUES

Date & Day	Time	Speaker	Session Details
<b>Day 1</b> <b>22/11/2024</b> <b>(Friday)</b>	2:00 PM	<b>Prof Jayaraman</b> (Dean, Division of Yoga & Spirituality)	<ul style="list-style-type: none"> <li>• Inauguration</li> <li>• Introduction IKS</li> </ul>
	2:30 PM	<b>Dr Siva S Sai</b> (Registrar, S-VYASA)	
		<b>Prof Ramesh M</b> (Research Director, S-VYASA)	
	2:30 PM - 3:30 PM	<b>Dr. Venkatasubramanian</b>	<ul style="list-style-type: none"> <li>• Overview of IKS research,</li> <li>• Challenges in sourcing data</li> <li>• Relevance in modern academia</li> </ul>
	3:45 PM to 5:00 PM	<b>Dr. Sowmya Krishnapur</b>	<ul style="list-style-type: none"> <li>• Basic digitization tools and techniques.</li> <li>• Overview of computational linguistic tools.</li> <li>• Challenges and solutions</li> </ul>
<b>Day 2</b> <b>23/11/2024</b> <b>(Saturday)</b>	2:00 PM - 3:00 PM	<b>Dr Viswanathan P</b>	<ul style="list-style-type: none"> <li>• Introduction to digital databases</li> <li>• Archives</li> <li>• Tools for locating IKS sources</li> <li>• Hands-on demonstration</li> </ul>
	3:00 PM - 4:00 PM	<b>Dr Shankararamasharma</b>	<ul style="list-style-type: none"> <li>• Presentation on AI-based research methods</li> <li>• Challenges and Caveats</li> <li>• ChatGPT tools and techniques</li> <li>• Create your own ChatGPT for your research</li> </ul>
	4:15 PM – 5:00 PM	<b>Dr Soubhagyalaxmi M</b> (Assistant Professor)  <b>Dr H R Nagendra</b> (Chancellor, S-VYASA)  <b>Dr N K Manjunath</b> (Vice Chancellor, S-VYASA)	<ul style="list-style-type: none"> <li>• Closing remarks</li> <li>• Question and Answers</li> <li>• feedback from participants</li> </ul>
	<ol style="list-style-type: none"> <li>1. Every session will have practical tasks and hands-on demonstrations</li> <li>2. All participants are requested to be ready with their laptops.</li> <li>3. Throughout the session, the Video Should be ON</li> </ol>		