



**Internal Quality Assurance Cell**

in Association with

**Department of Computer & BioScience**

Organizes

**Two Days**

**NATIONAL CONFERENCE**

on

**Indian Knowledge System:**

**Information Technology and**

**Computational Science in Global Scenario**



**June 13-14, 2025**

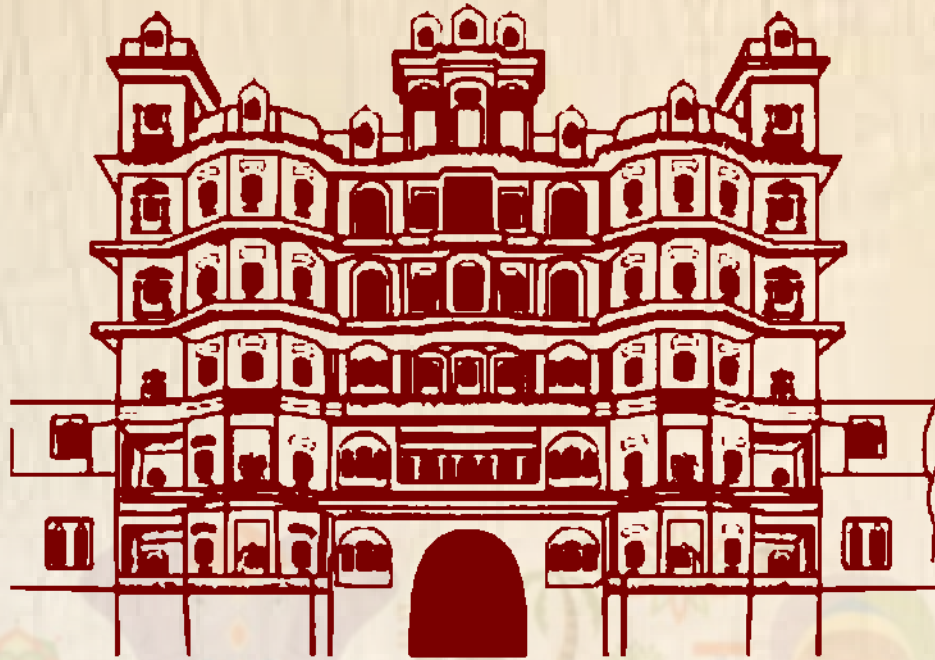


**SHRI VAISHNAV INSTITUTE  
OF MANAGEMENT & SCIENCE**



**Formerly known as Shri Vaishnav Institute of Management, Indore - Estd. 1987**

Approved by AICTE, New Delhi and Affiliated to DAVV, Indore & RGPV, Bhopal (M.P.)  
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Website: [www.svimi.org](http://www.svimi.org), Conference mail id: [nationalconference\\_cs@svimi.org](mailto:nationalconference_cs@svimi.org)



## INDORE – THE PRIDE OF NATION

Indore, the financial hub of Madhya Pradesh, is one of India's 100 cities chosen for smart city development. This vibrant city has consistently been recognized as India's cleanest city, winning the title for seven consecutive years.

Indore's rich history dates back to the 1720s when the Holkars established their dynasty, bringing great leadership and grandeur to the city. Today, Indore is Central India's commercial capital, boasting large, medium, and small-scale industries in sectors like automobiles, pharmaceuticals, petroleum refineries, and textiles.

The city is home to several major industrial areas, including Pithampur, Sanwer Industrial Belt, and the IT Park. Indore also proudly hosts the third-oldest stock exchange in Central India and has been chosen as a hub for companies like TCS, Infosys, Accenture and Persistent Systems Limited.

As a hub for education and healthcare, Indore is uniquely home to both the Indian Institute of Technology (IIT) and the Indian Institute of Management (IIM). The city's well-developed transportation network and international airport connect it to the world.

Indore has also earned the title of 'Street Food Capital' of India, with its local delicacies and sweets famous across the country. The city's proximity to MHOW, a major military headquarters, and the Raja Ramanna Centre for Advanced Technology (RRCAT), a premier atomic research centre, adds to its strategic importance.

Lastly, Indore is also home to Asia's largest metal statue of Hanumanji, located at Pitrashwar Parvat.



# About Institute

Shri Vaishnav Institute of Management & Science has glorious history since 1987. It was established as one of the constituent units of Shri Vaishnav Shaikshanik Avam Parmarthik Nyas, Indore. The Nyas has established Shri Vaishnav Shikshan Samiti and under its aegis Shri Vaishnav Institute of Management & Science is progressively leading towards success. It has conferred with the award of being the oldest Self Finance Institute of M.P. by CMAI, Asia. The institute is approved by Govt. of Madhya Pradesh as an 'A' Category Institute.

The Institute proudly announces the UGC-NAAC Accreditation with 'A' Grade in three consecutive cycles in 2012, 2017 and 2024 respectively indicating its highest commitment of quality in all aspects. During past 38 years journey, it has been serving the society by providing excellent environment for education in area of Management, Computer Science and

Bioscience.

We strive to ensure that our students develop the right skills required to sustain and grow in this scenario of global competition. At the same time, we also take efforts in preparing the students for future by cultivating a winning spirit, which help them to participate on all platforms. With a lush green campus spread over an area of seven acres located in the heart of the Indore city, the institute is well connected through all means of transport.

The Institute offers Management, Computer Science and Bioscience programs at Under Graduate and Post Graduate Levels. The Institute is approved by AICTE, New Delhi and affiliated to Devi Ahilya Vishwavidyalaya, Indore & Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal. Also, it is a recognized research centre of Devi Ahilya Vishwavidyalaya, Indore for Doctoral Degree in Management.



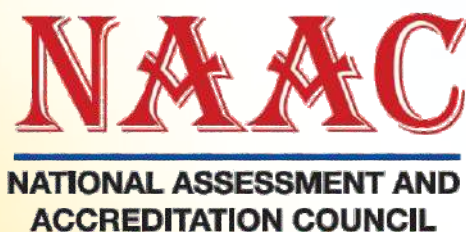
## Vision

To be the center of excellence in multidisciplinary education by instilling lifelong learning and skill development, by transforming individuals to be globally competent, and to be ethically and socially responsible professionals.

## Mission

- To impart quality education with endeavours and initiatives that will lead to the advancement of knowledge and a sustainable career.
- To strive and remain committed towards the holistic development of students, and to make them employable in order to serve the corporate and the society as a whole with utmost dedication and professionalism.
- To maintain excellent standards of pedagogy by inculcating adaptability and flexibility in students with firm emphasis on experiential and process oriented learning to develop global competency.
- To develop students with entrepreneurial orientation while nurturing strong moral and ethical values.

**UGC NAAC Accredited  
'A' Grade Institution**





## About Conference

Indian Knowledge System (IKS) has evolved over Millions of years. IKS is a collective range of Indian Knowledge that has exhibited in systematized ways of knowing. Starting from the oldest compositions of knowledge i.e. the Vedic literature to the country's native and tribal folklore, the Indian Knowledge is spread as a spectrum. There is a vast repository of knowledge available not only in Sanskrit, Pali, and Prakrit but also in all native Indian languages. This has remained unexplored for the last several decades. Indian Knowledge encompasses the Foundational Knowledge, Science, Engineering, Technology, Humanities and Social Sciences through a structured classification. It has a wide range of several branches such as Astronomy, Ayurveda & Yoga, Mathematics and Computing, Languages and Linguistics, Metallurgy, Rasa-Shastra, Public Administration, War Technology, Arts, Management, Science & Technology, Temple Technology and many more. In the present education, disciplinary knowledge is more informative, intellectually driven and gradually colonized, Anglicized, and Westernized with a focus on what is education. The Present Conference 'Indian Knowledge System: Information Technology and Computational Science in Global Scenario' is an attempt to create a space to invite the ideas, perceptions, and innovations of intellectuals' visionaries from various fields to collaborate on a single platform and synthesize the Indian Knowledge System with Modern disciplinary knowledge to create a compendium of evident intellectual inputs.

## Aim

Preserving and performing IKS for future generation

## Objectives

- To build a comprehensive perspective about the need, relevance and essence of IKS
- To address the challenges in applying IKS in education
- To create a platform for sharing knowledge and dialogue on the need of IKS for sustainable future
- To consider and deliberate on the inclusion of IKS as proposed in NEP-2020
- To integrate the IKS into the curriculum at various levels of education

# Expected Learning Outcomes

After attending the Conference, the participants will be able to

- Develop a thorough perspective on the necessity, relevance, and core aspects of IKS
- Identify and address the challenges associated with the application of IKS in educational settings Propose effective solutions to overcome obstacles and promote the integration of IKS in education
- Formulate connections between IKS principles and specific SDGs, demonstrating an understanding of their interdependence
- Evaluate the implications of the NEP 2020 on the infusion of IKS in educational practices
- Investigate recent trends and innovations in the field of education, with a specific focus on the integration of IKS

## Key Highlights

- Pre-conference workshop on IKS
- Eminent speakers from Industry and Academia
- Platform for knowledge sharing and brainstorming

## Sub-Themes

### Computer Science

- Vedic Mathematics and Modern Technology
- Managing Cultural Diversity in Indian Organizations
- IKS and Artificial Intelligence / Machine Language (AI/ML)
- Application of Indian Knowledge Traditions in Everyday Life
- Science, Technology, and Architecture
- Role of IKS in fostering innovation
- Challenges in applying IKS in education

# Mathematics

- Computational Mathematics and Numerical Analysis
- Mathematics in Data Science and Machine Learning
- Mathematical Logic and Foundations of Computer Science
- Quantum Computing and Mathematical Frameworks
- Computational Fluid Dynamics and Mathematical Simulation
- Mathematics in Artificial Intelligence and Robotics
- Mathematical Visualization in Scientific Computing
- Discrete Mathematics in Computer Science
- Indian Mathematical Tradition and Education in the Digital Age
- Mathematics in Ayurveda and Bioinformatics
- Indian Contribution to Cryptography and Number Theory
- Mathematics of Astronomy in Ancient India

# Physics

- Concept of Pancha Mahabhuta: Interconnection of natural elements
- Relating Vedic Physics with Technology
- Connecting Astronomy with Jyotishi
- Concept of Kala (time)
- Connecting Yoga with Artificial Intelligence
- Ayurveda: Recent Practices
- Philosophical Integration

# Guidelines for Author

- Each paper can be submitted to only ONE thematic session.
- Submitted papers must NOT have been previously presented, scheduled for presentation, published, or accepted for publication by any other source (journal, publisher or any other organization).
- If a paper is under review at the time of submission, it must NOT appear in print before the Conference.
- NO changes in the paper title, abstract, authorship, nor submitted document can occur AFTER the submission deadline.



# Formatting Rules

- The abstracts should not exceed 300 words and must be in 12 point font size, Times New Roman font on MS Word with 1.5 line spacing along with the name(s) and address of the author(s), affiliation, contact details & e-mail id.
- Full length paper should not exceed 2500 words (Maximum 10 pages) excluding Tables, illustrations, charts, figures etc.
- **Font** : Times New Roman
- **Title** : 16 font size (Bold)
- **Body** : 12 font size
- **Sub-title** : 14 font size (Bold)
- **Line spacing** : 1.5

## Details for Abstract and Full Paper Submission

Submit your manuscripts through sending mail to:  
[nationalconference\\_cs@svimi.org](mailto:nationalconference_cs@svimi.org)

## Paper Presentation

- The participants must register to present the paper in the conference.
- In case of multiple authors, desirous of Certificates, all authors will have to register separately.
- An author contributing / presenting in more than one paper should register for all papers.

## Best Paper Award

Best paper will be awarded with cash prize. The criteria for selection will be based on research quality parameters and paper presentation.

## Paper Publication

All the accepted papers will be published in e-Proceedings with ISBN / ISSN. Selected papers will be published in Reputed Peer Reviewed Journal.



## Important Dates

Last date for submission of Abstract: May 19, 2025

Notification of Abstract Acceptance: May 22, 2025

Last date for submission of Full Papers: May 27, 2025

Notification of Full Paper Acceptance: June 1, 2025

## Registration Details

Registration Fees for Delegates\*:

Students & Research Scholars: INR 750

Academicians: INR 1500

Corporate Delegates: INR 2000

Accommodation: INR 2000

\*Registration Fee includes Conference Kits, Refreshment, and Conference Volume.  
Registration Fee is non-refundable and non-adjustable.

### For Registration



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