

SHRI RAM (AUTONOMOUS) COLLEGE, MUZAFFARNAGAR

NOTICE

Date: 26.12.2025

Two-Day Workshop on "Indian Knowledge System (IKS)"

All students of the BCA Department are hereby informed that the Department of Bachelor of Computer Applications (BCA), Shri Ram College, Muzaffarnagar, is organizing a **Two-Day Workshop on "Indian Knowledge System (IKS)"** on **08 - 09 January 2026**.

The workshop aims to create awareness about India's rich knowledge traditions and their relevance in contemporary education, science, technology, innovation, ethics, and sustainable development. Eminent academicians and subject experts will deliver lectures and conduct interactive sessions on various aspects of the Indian Knowledge System.

Workshop Details:

- **Title:** Workshop on Indian Knowledge System (IKS)
- **Dates:** 08 – 09 January 2026
- **Time:** 10:00 AM to 4:00 PM
- **Venue:** Auditorium, Shri Ram College, Muzaffarnagar
- **Organized by:** Faculty of Computer Applications

All BCA students are encouraged to attend the workshop and actively participate in the sessions. Students are requested to report to the auditorium, Shri Ram College by **9:45 AM** on both days.

For further information, please contact the Workshop Coordinator or the BCA Department office.


(Dr. Nishant Kumar Rath)

Dean
Faculty of Computer Application
Shri Ram (Autonomous) College, Muzaffarnagar

Report
On
Two-Day Workshop on Indian
Knowledge System (IKS)

Duration

08– 09 January 2026

Organized by:

Faculty of Computer Applications
Shri Ram (Autonomous) College, Muzaffarnagar

(Session: 2025-26)

Introduction

The Faculty of Computer Applications, Shri Ram (Autonomous) College, Muzaffarnagar successfully organized a **Two-Day Workshop on "Indian Knowledge System (IKS)"** on **08 January 2026 and 09 January 2026**. The workshop was conducted with the objective of familiarizing students and faculty members with India's rich intellectual, scientific, philosophical, and cultural heritage and highlighting its relevance in contemporary education, technology, and sustainable development.

The workshop was attended by BCA students, faculty members, research scholars, and invited academicians from various disciplines. The event provided an excellent platform for understanding how the Indian Knowledge System can contribute to modern education, innovation, ethical leadership, and interdisciplinary research.

Objectives of the Workshop

The workshop was organized with the following objectives:

- To introduce participants to the concept and scope of the Indian Knowledge System.
- To create awareness about India's contributions to science, mathematics, medicine, philosophy, and technology.
- To understand the relevance of IKS in modern education under the National Education Policy (NEP) 2020.
- To encourage students to appreciate India's cultural and intellectual heritage.
- To promote ethical values, innovation, and sustainable development through indigenous knowledge.
- To inspire students to integrate traditional wisdom with modern technological advancements.

Day 1: 08 January 2026

Inaugural Session

The workshop commenced at **10:00 AM** with the registration of participants followed by the ceremonial lighting of the lamp and Saraswati Vandana. The programme was inaugurated by the Principal of Shri Ram College along with the Head of the BCA Department and distinguished resource persons.

Dr. Nishant Kumar Rathi, Dean of the Department welcomed all guests, faculty members, and students and emphasized the importance of understanding India's ancient knowledge traditions in today's rapidly changing technological world.

Dr. Prerna Mittal, Principal, Shri Ram College addressed the gathering and highlighted the significance of preserving India's intellectual heritage while encouraging students to integrate traditional knowledge with modern scientific thinking. He also appreciated the initiative taken by the BCA Department in organizing such an academic event.

The Workshop Coordinator then introduced the objectives, schedule, and expected outcomes of the two-day workshop.

Technical Session I: Introduction to Indian Knowledge System

Resource Person: Dr. Prerna Mittal, Principal, Shri Ram College

The first technical session focused on the **concept, history, and significance of the Indian Knowledge System.**

The resource person explained that IKS is a holistic body of knowledge developed over thousands of years, encompassing education, science, mathematics, philosophy, linguistics, arts, medicine, agriculture, architecture, and environmental sciences.

The session covered:

- Evolution of Indian civilization
- Vedas and Upanishads
- Ancient education system
- Gurukul tradition
- Takshashila and Nalanda Universities
- Indian philosophical schools

- Importance of ethics and values

The speaker emphasized that Indian education aimed at the complete development of an individual—intellectual, moral, emotional, and spiritual.

Technical Session II: Ancient Indian Contributions to Science and Technology

Key Note Speaker: Mrs. Neetu Singh, Assistant Professor, Department of Computer Application, Shri Ram College

The second session highlighted India's remarkable achievements in science and technology.

The expert explained the contributions made by ancient Indian scholars in various disciplines, including:

- Mathematics and the invention of zero
- Decimal number system
- Algebra and trigonometry
- Astronomy and planetary science
- Ayurveda and traditional medicine
- Metallurgy and iron technology
- Water conservation techniques
- Agricultural innovations
- Architecture and town planning

The speaker discussed how many modern scientific principles have their roots in ancient Indian discoveries and innovations.

Students actively interacted with the speaker by asking questions regarding the practical relevance of these contributions in today's technological environment.

Group Discussion and Interactive Session

An interactive discussion session was conducted in the afternoon where students shared their opinions on integrating Indian traditional knowledge with modern computer science, artificial intelligence, environmental conservation, and sustainable development.

Faculty members encouraged students to explore interdisciplinary research combining information technology with traditional Indian knowledge systems.

Summary of Day One

The first day concluded with a summary of the sessions. Participants gained a comprehensive understanding of:

- The foundations of Indian Knowledge System.
- India's scientific and mathematical achievements.
- Traditional educational practices.
- Indigenous innovations relevant to modern society.

Day 2: 09 January 2026

Technical Session III: Indian Knowledge System and National Education Policy (NEP) 2020

Resource Person: Dr. Saurabh Mittal, Vice Principal Mr., Shri Ram College

The second day began with an informative lecture on the role of the Indian Knowledge System in higher education under the National Education Policy (NEP) 2020.

The speaker discussed:

- Value-based education
- Skill-oriented learning
- Multidisciplinary education
- Research opportunities in IKS
- Experiential learning
- Preservation of Indian languages and literature
- Integration of traditional knowledge with modern curricula

Special emphasis was given to how computer science students can contribute through digital preservation of manuscripts, artificial intelligence for language processing, educational software, and knowledge management systems.

Technical Session IV: Indian Knowledge System and Information Technology

Key Note Speaker: Mr. Sanjay Kant, Assistant Professor, Department of Computer Application, Shri Ram College

Since the workshop was organized by the Computer Application Department, a special session was devoted to the application of Indian Knowledge Systems in Information Technology.

Topics discussed included:

- Digital documentation of ancient manuscripts
- Artificial Intelligence in Sanskrit language processing
- Digital libraries
- Cyber ethics inspired by Indian philosophy
- Data management of cultural heritage
- Machine learning for preserving ancient texts
- E-learning platforms for Indian traditional knowledge

The resource person explained how computer applications can play a significant role in preserving and promoting India's rich knowledge heritage globally.

Students showed great enthusiasm and actively participated in discussions regarding future research opportunities in this interdisciplinary field.

Technical Session V: Yoga, Ayurveda, Ethics and Sustainable Living

**Resource Person: Mr. Bhupendra Kumar, Assistant Professor, Department of Physical ,
Shri Ram College**

The final academic session focused on holistic health and sustainable development.

The expert discussed:

- Principles of Yoga
- Meditation and stress management
- Ayurveda as a preventive healthcare system
- Environmental ethics
- Sustainable lifestyle practices
- Indian values and moral education
- Harmony between human beings and nature

A brief demonstration of yoga and breathing exercises was also conducted for the participants to experience the practical benefits of traditional wellness practices.

Valedictory Session

The valedictory function was held in the afternoon on **09 January 2026**.

The Workshop Coordinator presented a brief report summarizing the activities conducted during the two days.

Several participants shared their learning experiences and expressed appreciation for the well-organized workshop. Students acknowledged that the sessions broadened their understanding of India's scientific and cultural heritage and inspired them to explore research opportunities related to the Indian Knowledge System.

Dr. Prerna Mittal, Principal, Shri Ram College congratulated the organizing committee, faculty members, resource persons, and students for the successful conduct of the workshop. She encouraged students to apply the values and knowledge gained during the programme in their academic and professional lives.

Certificates of Participation were distributed to all participants.

The workshop concluded with a formal vote of thanks delivered by a Dr. Nishant Kumar Rathi, Dean, Computer Application expressing gratitude to the Principal, invited experts, organizing committee, faculty members, student volunteers, and all participants for their wholehearted support and cooperation.

The programme concluded with the National Anthem.

Learning Outcomes

After successfully completing the two-day workshop, participants were able to:

- Understand the philosophy and scope of the Indian Knowledge System.
- Appreciate India's contributions to science, mathematics, medicine, philosophy, and technology.
- Recognize the relevance of IKS in modern higher education.
- Understand the role of computer applications in preserving India's cultural heritage.
- Develop awareness about ethical values, sustainable development, and holistic education.
- Explore interdisciplinary research opportunities combining Information Technology with Indian traditional knowledge.

- As a result, 63 students participated in a “Bharat BoudhIKS- Integration Bhartiya Knowledge System Examination” organized by Vidhya Bharti Uchcha Shiksha Sansthan on 31.01.2026 and cleared the examination.

Conclusion

The **Two-Day Workshop on "Indian Knowledge System"**, organized by the **Faculty of Computer Applications, Shri Ram College, Muzaffarnagar** on **08–09 January 2026** proved to be highly informative, inspiring, and academically enriching. The workshop successfully introduced participants to India's rich intellectual traditions while demonstrating their relevance in the fields of education, technology, research, ethics, and sustainable development.

The programme strengthened students' appreciation of India's knowledge heritage and motivated them to integrate traditional wisdom with modern technological innovations. The active participation of students and faculty members made the workshop a grand success and reflected the institution's commitment to holistic and value-based education.

Prepared By:

Faculty of Computer Applications

Shri Ram College, Muzaffarnagar

Date: 02/02/26

Signature of Head of Department: _____



SHRI RAM COLLEGE, MUZAFFARNAGAR
Bharat Boudhiks
Vidhy Bharti Uchcha Shiksha Sansthan
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3	Aklakh Alam	CA024103	Shri Ram College, Muzaffarnagar	Aklakh Alam
4	Aleena	CA25231	Shri Ram College, Muzaffarnagar	Aleena
5	ANAS ALAM	CA25018	Shri Ram College, Muzaffarnagar	ABSENT
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7	Ankit Kumar	CA024104	Shri Ram College, Muzaffarnagar	Ankit Kumar
8	Anshuman Saini	BA23117	Shri Ram College, Muzaffarnagar	Anshuman Saini
9	Anuj Kumar	205316395448	Shri Ram College, Muzaffarnagar	Anuj Kumar
10	ARJUN KUMAR	CA023497	Shri Ram College, Muzaffarnagar	Arjun Kumar
11	ASHISH KUMAR JHA	642366862837	Shri Ram College, Muzaffarnagar	Ashish Kumar Jha
12	Ashu	CA23302	Shri Ram College, Muzaffarnagar	Ashu
13	Bhupesh Kumar Kushwaha	804234077753	Shri Ram College, Muzaffarnagar	Bhupesh Kumar
14	Gaurav Kumar	829732717367	Shri Ram College, Muzaffarnagar	Gaurav Kumar
15	Himesh	CA25008	Shri Ram College, Muzaffarnagar	Himesh
16	Ibrahim Gaddi	801632003503	Shri Ram College, Muzaffarnagar	Ibrahim Gaddi
17	Kanhaiya Kumar	243342437263	Shri Ram College, Muzaffarnagar	Kanhaiya Kumar
18	Kanika Sharma	CA 24108	Shri Ram College, Muzaffarnagar	Kanika
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22	Khushi Sharma	BM24017	Shri Ram College, Muzaffarnagar	Khushi Sharma
23	Khushi Tyagi	BA23265	Shri Ram College, Muzaffarnagar	Khushi Tyagi
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25	Kundan Kumar	413195575331	Shri Ram College, Muzaffarnagar	Kundan Kumar
26	Mahak	BA23287	Shri Ram College, Muzaffarnagar	Mahak
27	Manish Kumar	968643631679	Shri Ram College, Muzaffarnagar	MANISH KUMAR
28	Md. Sarovar	960064169369	Shri Ram College, Muzaffarnagar	ABSENT
29	MERAJ MEHDI	CA25359	Shri Ram College, Muzaffarnagar	ABSENT
30	Milan Sharma singh	430047297875	Shri Ram College, Muzaffarnagar	ABSENT
31	MOHD.SUHAIL MALIK (Sud)	MC-25116	Shri Ram Group of Collges, Muzaffarnaar	SUNAZI MALIK
32	Nageshwar Kumar	952365579038	Shri Ram College, Muzaffarnagar	Nageshwar
33	Naina kuchhal	CA25236	Shri Ram College, Muzaffarnagar	Naina
34	Nandan Kumar	996535741404	Shri Ram College, Muzaffarnagar	ABSENT
35	Nilakshi	BA23176	Shri Ram College, Muzaffarnagar	Nilakshi
36	Nishant	CA25341	Shri Ram College, Muzaffarnagar	Nishant
37	Palak	CA25011	Shri Ram College, Muzaffarnagar	Palak
38	Palak Sharma	BM24051	Shri Ram College, Muzaffarnagar	Palak Sharma
39	Prakash Kumar Sah	CAO23484	Shri Ram College, Muzaffarnagar	Prakash
40	Prashant Kumar	912956678052	Shri Ram College, Muzaffarnagar	Prashant

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2. Prashant Kumar

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42	Prince Kumar	CA23219	Shri Ram College, Muzaffarnagar	Prince Kumar
43	PRIYANKA PUNDIR	CA23007	IIMT	Priyanka Pundir
44	Priyanshu Singh	559786519386	Shri Ram College, Muzaffarnagar	Priyanshu Singh
45	Ragini Kushwaha	CA24088	Shri Ram College, Muzaffarnagar	Ragini Kushwaha
46	Rishab Kumar	580677217037	Shri Ram College, Muzaffarnagar	Rishab Kumar
47	Rohit kumar	455689604007	Shri Ram College, Muzaffarnagar	Rohit kumar
48	Sakshi	BA23123	Shri Ram College, Muzaffarnagar	Sakshi
49	Sanskriti Saxena	CA23403	Shri Ram College, Muzaffarnagar	Sanskriti Saxena
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59	Subham Pathak	886048573244	Shri Ram College, Muzaffarnagar	Subham
60	Sujal Verma	CA23290	Shri Ram College, Muzaffarnagar	Sujal
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63	Triful Kumar	317043642908	Shri Ram College, Muzaffarnagar	Triful Kumar
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67	Vansh Verma	CA23071	Shri Ram College, Muzaffarnagar	Vansh
68	Vanshika	CA25546	Shri Ram College, Muzaffarnagar	Vanshika
69	Vasu Chauhan	Ca24392	Shri Ram College, Muzaffarnagar	Vasu Chauhan
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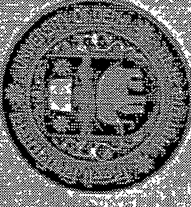
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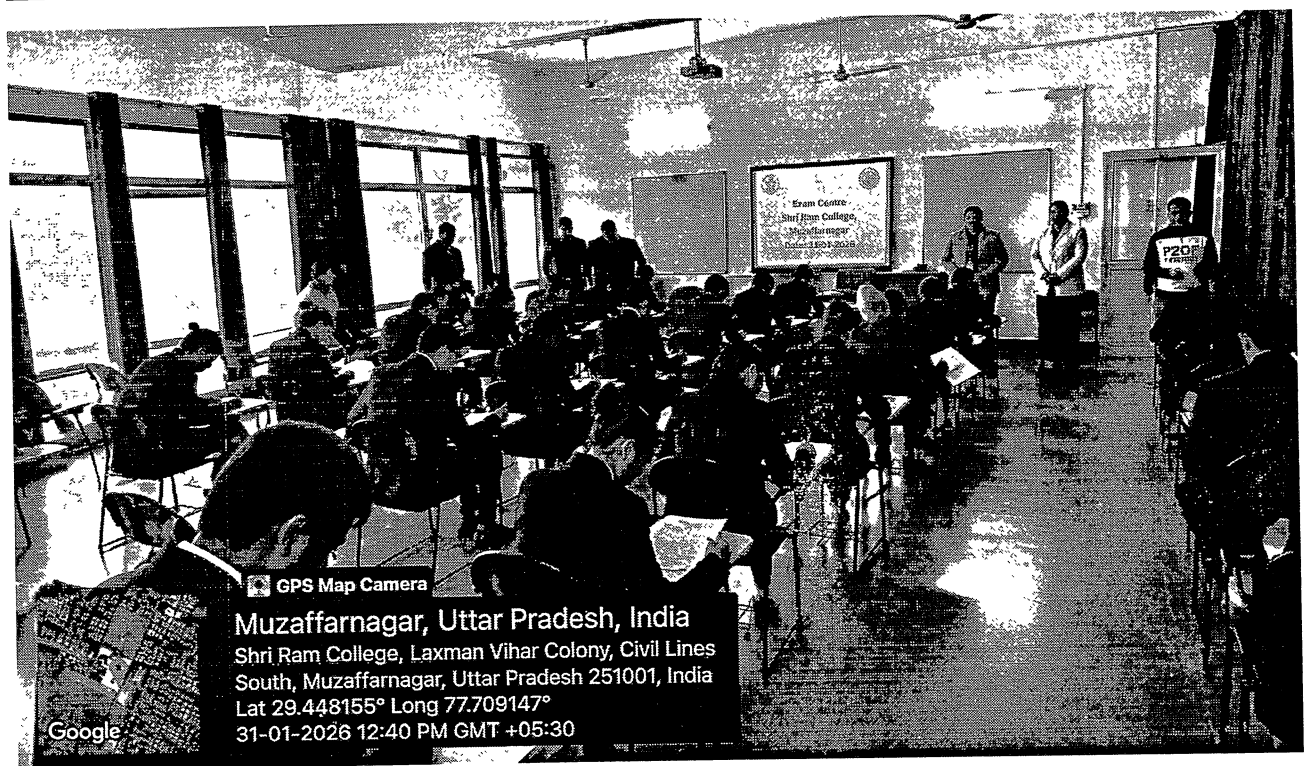
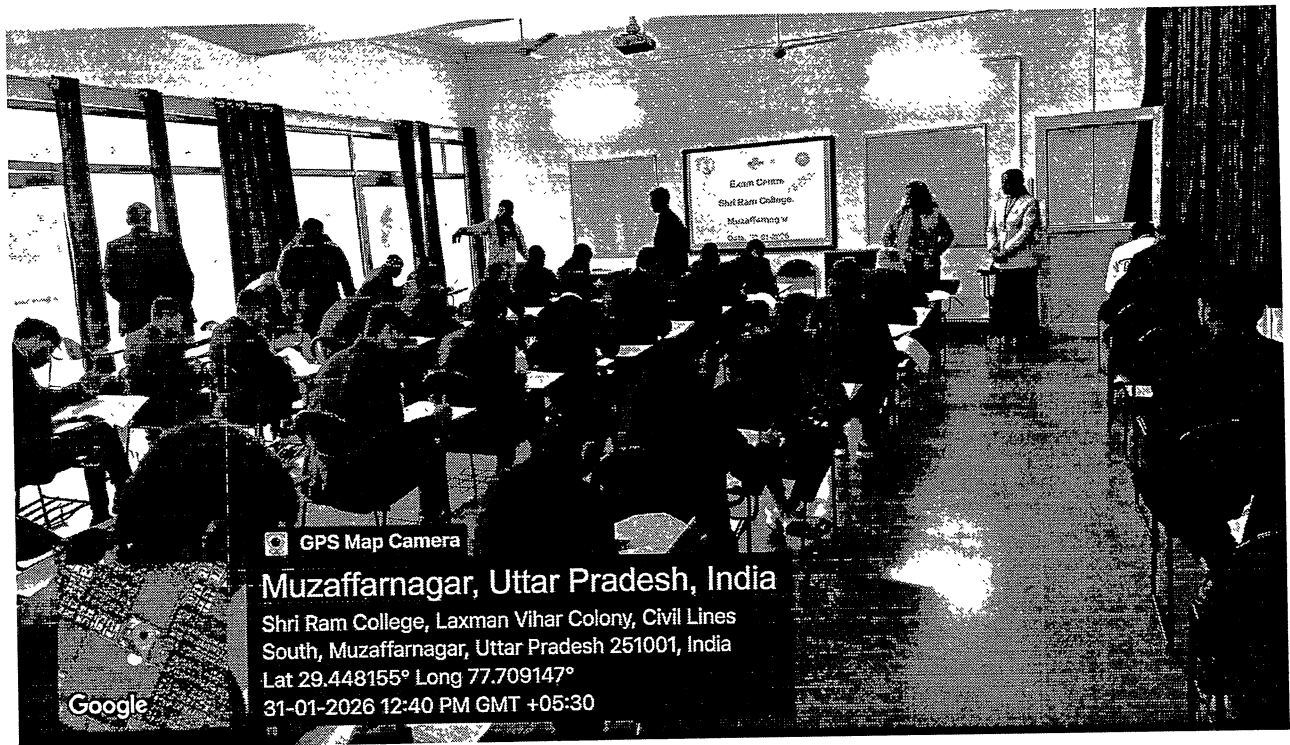
has participated in the Indian Knowledge System-based Bharat Boudhiks Examination, jointly conducted by Vidya Bharati Uchcha Shiksha Sansthan and the University of Delhi, held on 31st Jan/01st Feb 2026.

Kailash

Prof. Kailash Chandra Sharma
(VBUS President)

Vikas Gupta

Dr. Vikas Gupta
(Registrar, Delhi University)



Bharat BoudhIKS- Integration Bhartiya Knowledge System Examination