

Jñāna Pravāha

September, 2025 – June, 2026



CENTRE OF EXCELLENCE FOR INDIAN KNOWLEDGE SYSTEMS, UEM KOLKATA

Edited By: Dr. Soumyendu Banerjee
COORDINATOR, COE-IKS, UEM
KOLKATA

The newsletter is designed to share our activities, research initiatives, workshops, student involvement, and valuable IKS resources. It serves as a platform to connect, inform, and inspire through the exchange of knowledge and experiences.

To preserve, promote, and integrate Indian Knowledge Systems with contemporary education and research, fostering a holistic understanding of India's intellectual traditions.

A window into the activities, research, and reflections of the Centre of Excellence for Indian Knowledge Systems, UEM Kolkata



For more information please visit: <https://iks.uem.edu.in/>



Konark Sun temple, Odisha
Photograph © Dr. Soumyendu Banerjee



VOL. 2



SEPTEMBER 2025 - JUNE 2026

Jñāna Pravāha

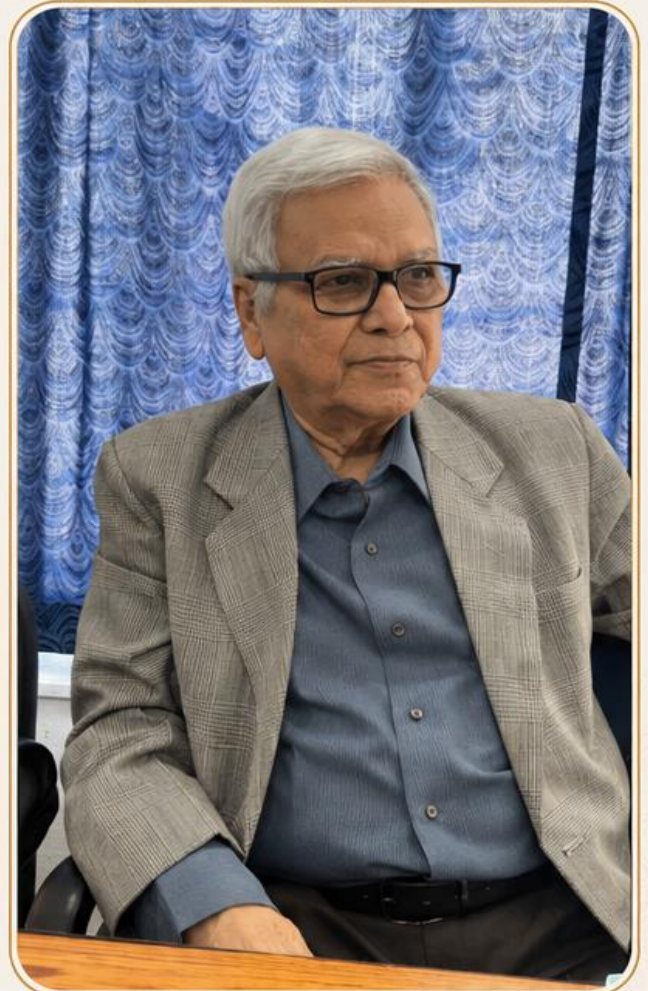
Foreword

It is with great pleasure I pen down this foreword for the first issue of the yearly progress report of the Centre of Excellence for Indian Knowledge Systems, UEM Kolkata. The Centre is hardly a year and a half old, but the extent of the Centre's activities amazes me, particularly when I compare it with those of other similar centres in the country, some of those being housed in some Institutions of National Importance.

Apart from being very active, the areas of the programmes undertaken by the Centre are also in the right direction, rendering them very welcome to the mainstream academia. This is found to be an issue in the case of many other similar centres.

The main driving force behind such a remarkable journey is undoubtedly the Coordinator's expertise, enthusiasm and the proper understanding of the objectives of such centres. She also has access to a very distinguished and excellent pool of resource persons.

I have little doubt about the Centre becoming a very major player in the field of Indian Knowledge Systems.



Prof. Amitabha Ghosh

*Emeritus scientist,
Indian National Science Academy, New Delhi*

”





Jñāna Pravāha

KNOWLEDGE ROOTED IN HERITAGE, INSPIRING THE FUTURE

Vol. 2

September 2025 -
June 2026

Message From the Chairman, CoE IKS UEM Kolkata

It gives me immense pleasure to present the second volume of Jñāna Pravāha, the annual newsletter of the Centre of Excellence for Indian Knowledge Systems (CoE-IKS), University of Engineering & Management, Kolkata.

India possesses one of the world's richest knowledge traditions, encompassing science, mathematics, medicine, philosophy, governance, arts, architecture, literature, environmental stewardship, and holistic approaches to life. These timeless ideas are not merely a part of our heritage; they continue to offer practical solutions to many of the challenges faced by modern society.

The National Education Policy 2020 has rightly emphasized the integration of Indian Knowledge Systems into higher education. At UEM Kolkata, we believe that technological excellence and innovation become even more meaningful when complemented by ethical values, cultural understanding, sustainability, and a deep appreciation of our intellectual legacy. The Centre of Excellence for Indian Knowledge Systems serves as an important platform to promote interdisciplinary research, innovation, and meaningful dialogue that bridges ancient wisdom with contemporary scientific and technological advancements.

I congratulate the Coordinator, faculty members, students, and all contributors for their dedicated efforts in bringing out this edition of Jñāna Pravāha. The activities showcased in this newsletter reflect the enthusiasm and commitment of our academic community towards preserving, researching, and disseminating India's invaluable knowledge traditions.

I am confident that the Centre will continue to inspire young minds to explore, innovate, and contribute towards building a future that harmoniously blends our rich heritage with cutting-edge technology and global perspectives.

I extend my best wishes to the entire CoE-IKS team for their continued success and look forward to many more impactful initiatives in the years ahead.



Prof. Satyajit Chakrabarti

Vice Chancellor,

University of Engineering & Management, Kolkata



Message from the Co-Chairman, CoE IKS UEM Kolkata

It gives me great joy to be a part of the inaugural edition of our magazine of the Centre of Excellence for Indian Knowledge Systems (IKS). The centre has been functioning since the last one year driven by passion and thirst for knowledge, not celebrated in the mainstream knowledge systems, but has contributed greatly in the development and continuation of the knowledge. Each event we have hosted—whether a lecture, a workshop, or a cultural interaction—has opened new doors to rediscovering the richness of our traditions.

What has stood out the most is the energy and curiosity of our students, researchers, and participants. Their eagerness to connect ancient wisdom with contemporary challenges reminds us that Indian knowledge is not just history, but a living, breathing resource for today and tomorrow. From exploring Indigenous languages, cultural practices, mathematical and astronomical sciences, sustainable ecological practices to celebrating the knowledge system as a whole, our activities have been moments of learning as well as deep realisation.

During this to collaborate with scholars, institutions, and communities who share our vision. These partnerships have made our journey more inclusive and meaningful.

As we look ahead, I hope our Centre continues to explore the timeless wisdom of the past with the aspirations of the future.

My heartfelt thanks to everyone who has been part of this journey.



Prof. Shambhu Prasad Chakrabarty

Co-Chairman, CoE IKS

University of Engineering & Management, Kolkata

Jñāna Pravāha

FROM THE EDITOR'S DESK

It gives me immense pleasure to present this issue of *Jñāna Pravāha*. Since assuming the responsibility of Editor in September 2025, the journey until June 2026 has been both enriching and inspiring. This period has witnessed a steady flow of ideas, scholarly reflections, and interdisciplinary explorations that align with the spirit of the magazine—celebrating knowledge as a living and evolving tradition.

Jñāna Pravāha, meaning the “flow of knowledge,” aims to create a meaningful platform where ancient wisdom and modern scientific thinking can interact constructively. In recent months, we have encouraged contributions that explore the relevance of Indian Knowledge Systems in contemporary education, engineering, sustainability, and societal development. It is heartening to see enthusiastic participation from students, faculty members, and scholars who have shared their insights through articles, essays, and creative works.



This edition reflects a diverse spectrum of themes, ranging from historical perspectives and philosophical reflections to modern technological interpretations inspired by traditional knowledge. Such interdisciplinary engagement strengthens our collective understanding and demonstrates that knowledge thrives when dialogue across domains is encouraged.

I extend my sincere gratitude to all contributors who have devoted their time and intellectual effort to make this issue meaningful. My appreciation also goes to the editorial team, reviewers, and institutional supporters whose guidance and cooperation have ensured the smooth preparation of this publication.

As we move forward, I hope *Jñāna Pravāha* will continue to inspire curiosity, critical thinking, and respect for knowledge traditions. May this platform serve as a bridge between generations of learners and scholars, encouraging thoughtful exploration and innovation rooted in wisdom.

Dr. Soumyendu Banerjee
Coordinator, CoE-IKS, UEM Kolkata
Associate Professor
Department of Electrical Engineering

Jñāna Pravāha

Advisory Board

CENTRE OF EXCELLENCE FOR
INDIAN KNOWLEDGE SYSTEMS,
UEM KOLKATA

ADVISORY BOARD

Prof. Nrisinha Prasad Bhaduri

Chairman of the Advisory Board
Eminent historian, writer, and Indologist.
Retired Reader of Sanskrit, Gurudas College
(Affiliated to Calcutta University)

Prof. (Dr.) Satyajit Chakrabarti

Hon. Vice Chancellor
UEMK Kolkatta

Prof. Amitabha Ghosh

Emeritus Scientist, Indian National Science
Academy, New Delhi; Former Professor, IIT
Kanpur; Former Director, IIT Kharagpur

Prof. Susmita Basu Majumdar

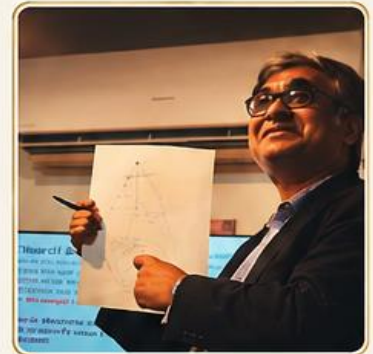
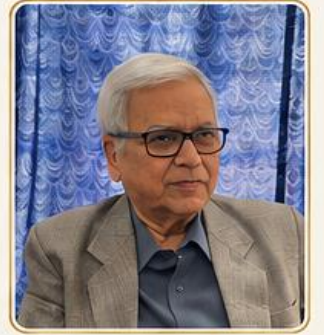
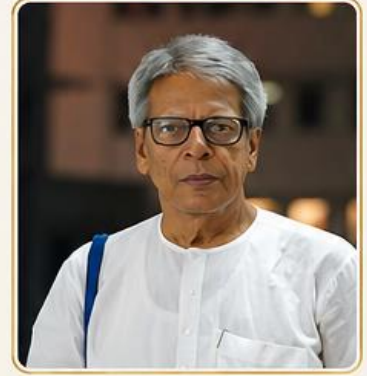
Professor, Department of Ancient Indian
History, University of Calcutta

Prof. Uday Shanker Dixit

Professor, Dept. of Mechanical Engineering,
IIT Guwahati

Prof. Joy Sen

Professor, Department of Architecture and
Regional Planning, IIT, Kharagpur



Jñāna Pravāha

Executive Committee



CENTRE OF EXCELLENCE FOR
INDIAN KNOWLEDGE SYSTEMS,
UEM KOLKATA

Executive Committee

- **Prof. (Dr.) Satyajit Chakrabarti**
Hon. Vice Chancellor UEMK Kolkata..
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Cochairman, CoE IKS
- **Prof. Rajiv Ganguly**
Dean of Science
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Head of the Department of General Studies
- **Prof. Mohuya Chakraborty**
Dean of HRDC
- **Prof. Subrata Chattopadhyay**
Professor, Dept. of Management



Jñāna Pravāha Working Committee



Prof. Satyajit Chakrabarti,
Chairman of the COE IKS, UEM
Kolkata



**Prof. Shambhu Prasad
Chakrabarty**
Co-Chairman of the COE
IKS, UEM Kolkata



Dr Soumynedu Banerjee
Coordinator of CoE-IKS, UEM Kolkata



Koustov Mondal
Head of the Department of
Robotics & AI, UEM Kolkata



Jñāna Pravāha Students' Chapter



CENTRE OF EXCELLENCE FOR
INDIAN KNOWLEDGE SYSTEMS,
UEM KOLKATA

Students' Chapter

Bidushi Chowdhury, President

B.Tech CSE (AI & ML) 2026 Batch

Upahar Jana, Secretary

B.Tech CSE, 2026 Batch

Tushar Anand, Treasurer

B.Tech CSE (IOT ,CS ,BT), 2027 Batch

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Subhamita Adhikari

Aniket Saha Roy

Sarthak Chakraborty

Anwesha Sinha

Ujan Sarkar

Sofiur Rahaman

Arghya Paramanik

Tushar Biswas

Anusree Haldar



Īnāna Pravāha

Flowing Knowledge. Inspiring Futures.



October, 2025



Mode: Online



Prof. Dr. Amitabha Ghosh

- October, 2025
- Mode: Online

Talk : I

MONTHLY LECTURE SERIES

Ancient India in the Eyes of Megasthenes

The lecture titled “Ancient India in the Eyes of Megasthenes” examines the observations of Megasthenes, the Greek ambassador to the court of Chandragupta Maurya in the 4th century BCE. His work *Indica* is among the earliest foreign accounts describing the social, political, and economic life of ancient India during the Mauryan period. The talk highlights Megasthenes’ descriptions of the administrative structure of the Mauryan Empire, including governance, military organization, and urban administration. Special attention is given to his account of Pataliputra, which he portrayed as a large, well-planned, and fortified city with efficient civic management. His observations on agriculture, trade, occupations, and social divisions provide valuable insights into the functioning of early Indian society. The lecture also critically evaluates the limitations of Megasthenes’ writings. As an external observer, some of his accounts may contain exaggerations or cultural misunderstandings. By comparing his narratives with indigenous sources such as the *Arthashastra* and available archaeological evidence, the discussion assesses the reliability of his descriptions. Overall, the lecture presents Megasthenes’ work as an important historical source that offers a unique outsider’s perspective on ancient India and its early political and social institutions.

Prof. Amitabha Ghosh
Emeritus Scientist, INSA, New Delhi



CoE IKS, UEM Kolkata
cordially invites you all to its

Seminar Lecture Series

Lecture I

**Ancient India in
the eyes of Megasthenes**

Prof. Amitabha Ghosh

Emeritus Scientist, INSA, New Delhi



Scan to Register



Contact us: iks@uem.edu.in

June,
2026

Jñāna Pravāha

Mode:
Online

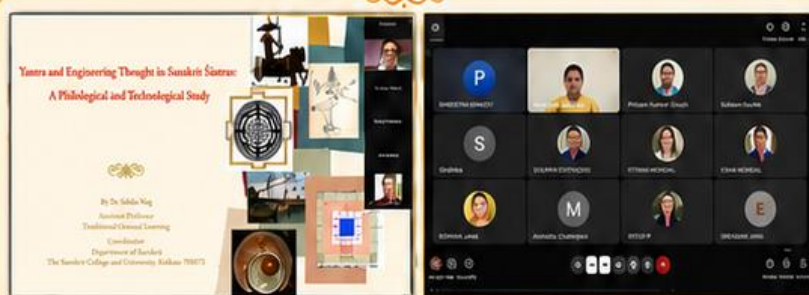
Monthly Lecture Series

Yantra and Engineering Thought in Sanskrit Śāstras: A Philological and Technological Study

The concept of **Yantra** in Sanskrit Śāstras reflects an integrated tradition of mechanical knowledge within Indian Knowledge Systems (IKS), where technology, philosophy, and cosmology operate as a unified framework. This study undertakes a philological and technological analysis of key Sanskrit sources, including Śilpaśāstra and Vāstuśāstra, to examine technical terms such as **yantrāṅga**, **cakra**, **gati**, and **prayojana**, which reveal an indigenous engineering vocabulary. Far from being symbolic devices, **yantras** are described as functional systems governed by principles of motion, balance, and energy transformation. By correlating śāstric descriptions with modern engineering concepts, the study highlights the relevance of **yantra-vidyā** to contemporary discourse on systems design, sustainability, and interdisciplinary technological research within the IKS framework.

Prof. Dr. Sebika Nag

Assistant Professor, Traditional Oriental Learning & Coordinator,
Department of Sanskrit, The Sanskrit College and University,
Kolkata-700073



Talk : II



28th June, 2026



Mode: Online

Prof. Dr. Sebika Nag





**Centre of Excellence for
Indian Knowledge Systems**

University of Engineering & Management Kolkata
Cordially invites you to

MONTHLY LECTURES SERIES

Talk II

**Yantra and Engineering Thought in Sanskrit
Śāstras: A Philological and Technological Study**

By: Dr. Sebika Nag
Assistant Professor
Traditional Oriental Learning
&
Coordinator
Department of Sanskrit
The Sanskrit College and University, Kolkata-700073

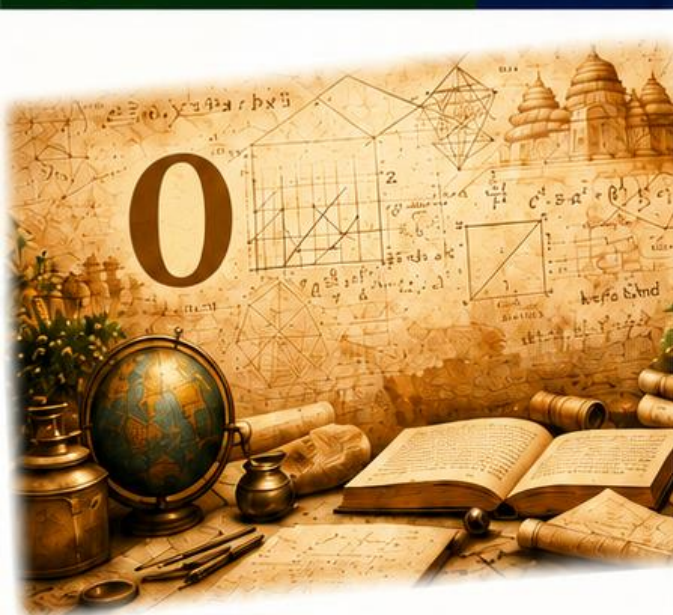
Mode: Online
Date: 28 / 06 / 2026
Time: 4:15 pm (IST) onwards



Scan for register
Open to all

Coordinator of the Lecture Series:
Dr. Soumyendu Banerjee






The Centre of Excellence for Indian Knowledge Systems (CoE-IKS),
in collaboration with
The Department of Basic Science and Humanities
cordially invites you to

**MONTHLY LECTURES SERIES
Talk III**

**An Introduction to Indian Knowledge
Systems and Its Role on Science and
Technology**

By: **Dr. Krishna Pada Das**
Associate Professor
Department of Mathematics
Mahadevananda Mahavidyalaya
Barrackpore, Kol-120

Mode: Offline
Venue: FICCI Auditorium (UEMK)
Date: 16/03/2026
Time: 11:15 am (IST) onwards



Scan for register
Open to all

**Coordinator of the Lecture Series:
Dr. Soumyendu Banerjee**

Jñāna Pravāhā

Monthly Lecture Series

Talk : III

16th March, 2026

FICCI Auditorium
(Offline)

Prof. Dr. Krishna Pada Das



Associate Professor
Department of Mathematics
Mahadevananda Mahavidyalaya
Barrackpore, Kol-120

An Introduction to Indian Knowledge Systems and Its Role on Science and Technology

The Indian Knowledge System (IKS) in mathematics encompasses foundational contributions such as the decimal place-value system, the concept of zero, and significant advances in algebra, trigonometry, geometry, and early calculus. Rooted in Vedic literature and the Śulba Sūtras, Indian mathematics reflects a holistic approach that integrates numerical reasoning with astronomy, architecture, and philosophy. Texts associated with scholars like Āryabhaṭa, Brahmagupta, and Bhāskara II demonstrate sophisticated methods for algebraic operations, trigonometric calculations, and combinatorics. The Kerala School further advanced mathematical thought through infinite series expansions, anticipating elements of calculus well before their European formulation. Emphasizing mental computation, logical clarity, and practical application, IKS treats mathematics as an interconnected discipline rather than an isolated subject. Contemporary efforts such as Vedic Mathematics and the National Education Policy (NEP) 2020 aim to integrate these traditional insights into modern education, fostering conceptual understanding, problem-solving skills, and cognitive development.





June, 2026

Venue: B3.LG.1.1

Monthly Lecture Series

An Introduction to Indian Knowledge System and Major Contributions of Ancient Mathematicians

The Indian Knowledge System (IKS) in mathematics encompasses foundational contributions including the decimal place-value system, the concept of zero, algebra, trigonometry, geometry, and early calculus. Rooted in Vedic texts and the Sulba Sutras — which contain the earliest known statement of the Pythagorean theorem — IKS reflects a holistic integration of mathematics with astronomy, architecture, and philosophy. Pioneering mathematicians such as Aryabhata, Brahmagupta, Bhaskara II, and the Kerala School made landmark advances in algebraic operations, quadratic equations, astronomical calculations, and infinite series — predating Newton and Leibniz by centuries. Vedic Mathematics, a modern revival based on 16 ancient sutras, promotes mental agility and computational speed. Today, India's National Education Policy (NEP) 2020 actively seeks to integrate IKS into mainstream education, fostering critical thinking and a deeper appreciation of India's mathematical heritage.



By:

Dr. Krishna Pada Das

Associate Professor

Department of Mathematics

Mahadevananda Mahavidyalaya

Barrackpore, Kol-120



Mode: Hybrid



Venue: IEMN (To be Notified Later)



Date: 29 / 06 / 2026



Time: 3:15 pm (IST) onwards

REGISTER HERE



Centre of Excellence for
Indian Knowledge Systems (CoE-IKS),
in collaboration with
The Department of Basic Science
and Humanities

Jñāna Pravāha

Course Conduction



Coordinator

Dr. Soumyendu Banerjee

Mode: Online

Day: Every Saturday

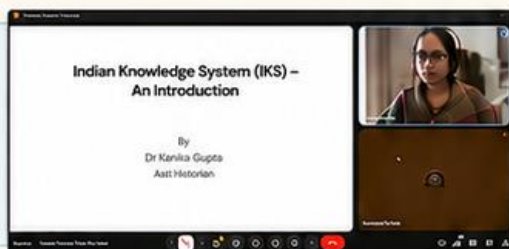
Time: 5 - 7 pm

Indian Knowledge Systems for Engineers (IKS281)

Module : 1

India Indian Knowledge System (IKS) An Introduction

- Faculty name : Prof. Kanika Gupta
- Date : 10/01/2026



Module : 10

Linguistics

- Faculty name : Prof. Kanika Gupta
- Date : 17/01/2026



Module : 2

The Vedic Corpus

- Faculty name : Prof. Gourav Debnath
- Date : 31/01/2026



Module : 7

Engineering and Technology: Other applications

- Faculty name : Prof. Kanika Gupta
- Date : 07/02/2026



Module : 4

Mathematics

- Faculty name : Prof. Gourav Debnath
- Date : 14/02/2026



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MODULE 8

Town Planning And Architecture

Faculty name : Prof. Dibakar Adhikary

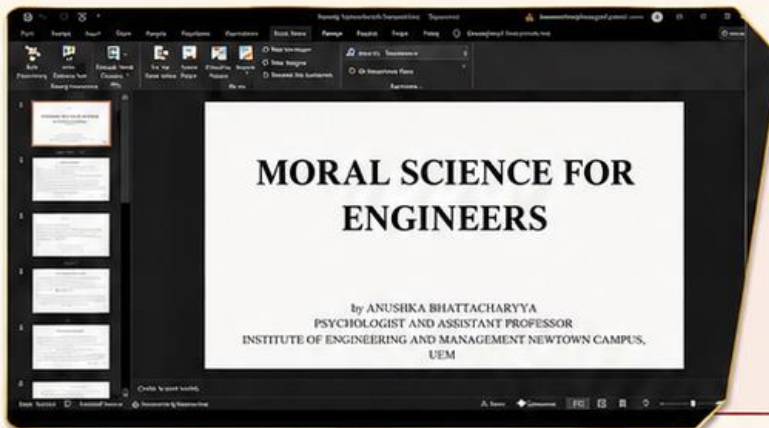
Date : 28/02/2026



**INDIAN
KNOWLEDGE
SYSTEMS**

TOWN PLANNING & ARCHITECTURE

Indian Knowledge System Lecture Series



Moral Science for Engineers:

Faculty name : Prof. Anushka Bhattacharyya

Date : 07/03/2026

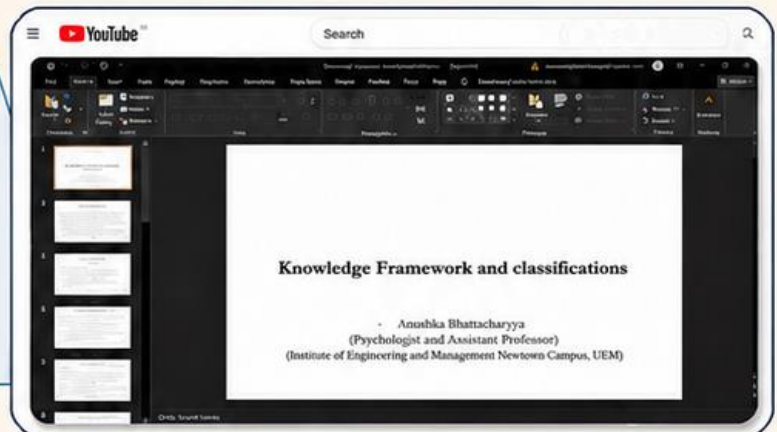
MODULE 6

MODULE 9

Knowledge Framework and classifications

Faculty name : Prof. Anushka Bhattacharyya

Date : 14/03/2026



Astronomy

Faculty name : Prof. Amitabha Ghosh

Date : 21/03/2026

MODULE 5

JNANA PRABAHA

FLOW OF KNOWLEDGE, PATHWAY TO WISDOM



February, 2026

Jñāna Pravāha

Venue:
FICCI Auditorium

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Mode: Hybrid



Date: 6 – 7th February, 2026

Title

1st International Conference on Transformative Social Sciences Conference (TSSC 2026): Bharat's Wisdom for Global Solutions

Organized by

Department of General Studies, University of Engineering and Management, Kolkata
in collaboration with Centre of Excellence for Indian Knowledge Systems,
University of Engineering and Management, Kolkata



TSSC 2026
1st International Conference
on
Transformative Social Sciences Conference (TSSC 2026): Bharat's Wisdom for Global Solutions
In Hybrid Mode
ON 6TH & 7TH FEBRUARY, 2026
Organised by the Department of General Studies, University of Engineering and Management, Kolkata
in collaboration with
Centre of Excellence for Indian Knowledge Systems, University of Engineering and Management, Kolkata

CONFERENCE ABSTRACT

The Transformative Social Sciences Conference (TSSC 2026): Bharat's Wisdom for Global Solutions is envisioned as a pioneering global platform bringing together scholars, researchers, policymakers, and practitioners to engage in meaningful dialogue and collaborative action. Rooted in the conviction that social sciences, humanities, and literary studies play crucial roles in shaping a just and sustainable future, the conference will enable participants to exchange innovative ideas, present research outcomes, and explore interdisciplinary approaches. With a focus on bridging scholarly research and actionable policy, TSSC 2026 highlights the transformative potential of academic work in addressing pressing global challenges such as environmental sustainability, social justice, cultural inclusion, ethical governance, and technological transformation. Thematic discussions will be organized under three overarching axes: cutting-edge approaches in social science research, policy formulation for sustainable futures, and cultural narratives as drivers of societal change. A distinct emphasis will be placed on integrating traditional knowledge systems with contemporary methods, particularly through the exploration of Indian Knowledge Systems (IKS), thereby merging ancient wisdom with modern scholarship. Drawing inspiration from the diverse intellectual and cultural traditions of Bharat, the conference underscores the role of indigenous wisdom in shaping contemporary sustainable frameworks aligned with the vision of **VISAT**.

Through its diverse tracks, the conference strives to foster cross-cultural knowledge exchange, promote inclusivity, and build frameworks that harmonize local wisdom with global innovation. We warmly invite scholars, early career researchers, and practitioners to submit papers, case studies, and innovative ideas aligned with the conference tracks. Submissions may include completed research, work in progress, or practice-based insights that contribute to the collective goal of building equitable, resilient, and sustainable futures. In particular, contributions engaging with perspectives from Bharat and beyond are encouraged to enrich the global dialogue.

EMINENT SPEAKERS

CHIEF GUEST & KEYNOTE SPEAKER

PROF. SHANTISHREE D. PANDIT
HONORABLE VICE CHANCELLOR
JAWAHARLAL NEHRU UNIVERSITY,
DELHI

EMINENT PLENARY SPEAKERS

PROF. PAULIA BANERJEE
ICRC ENDOWED RESEARCH CHAIR
CHIEF GUEST AND FORMER
DISPLACEMENT
ASIAN INSTITUTE OF TECHNOLOGY
(THAILAND)

PROF. SENDER DOVCHIN
DEAN OF INTERNATIONAL
SENIOR PRINCIPAL RESEARCH
FELLOW, AUSTRALIAN RESEARCH
COUNCIL FELLOW AT CURTIN
UNIVERSITY, AUSTRALIA

DR. ANKITA SIDDHANTA
RESEARCH ASSISTANT PROFESSOR
UN POPULATION HEALTH INITIATIVE
UNIVERSITY OF HOUSTON, TEXAS,
USA

DR. ANIL KUMAR
SCIENTIST/ENGINEER - G
PHOTOGRAMMETRY AND REMOTE
SENSING
INDIAN INSTITUTE OF REMOTE SENSING
(ISRO)

DR. SHAMAYITA BHATTACHARYA
ASSISTANT PROFESSOR
COMMUNITY ENGAGEMENT
POINT PARK UNIVERSITY,
PITTSBURGH, PENNSYLVANIA, USA



March, 2026

Iñāna Pravāha

Venue:

Dr. Satyajit Chakrabarti
Convention Centre

POSTER COMPETITION

IKS STUDENT CHAPTER



Dr. Soumyendu Banerjee



Mode: Offline



Date: 11th March, 2026



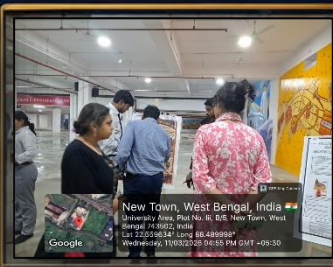
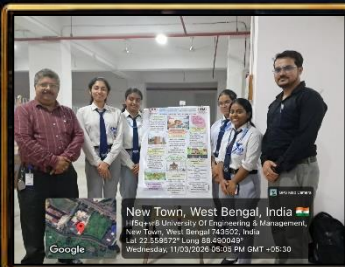
TITLE

Healthcare, Architecture, and Materials:
Indigenous Technologies and Their Engineering
Relevance (Śārira, Vāstu, and Dravya in
Indian Knowledge Systems)



ORGANIZED
BY

The Centre of Excellence for Indian
Knowledge Systems (CoE-IKS), in collaboration
with the Department of Basic Science
and Humanities



University of Engineering & Management, Kolkata
Institute of Engineering & Management (Newtown)



Centre of Excellence for Indian Knowledge Systems (CoE-IKS)

In Collaboration with

Department of Basic Science and Humanities
Organizing

Poster Competition on

**Healthcare, Architecture,
and Materials:
Indigenous Technologies and
Their Engineering Relevance**

(Śārira, Vāstu, and Dravya in Indian Knowledge Systems)



Suggested Poster Sub-Themes
(indicative, not limited to):

- Engineering principles in indigenous healthcare systems
- Traditional architecture as climate-responsive engineering
- Indigenous materials and their mechanical properties
- Sustainability lessons from Indian construction practices
- Human-centric engineering in IKS
- Low-energy and resource-efficient technologies in IKS
- Indigenous technologies for disaster mitigation
- Ethical and ecological engineering in Indian engineering traditions

Date: 11th March, 2026 (Wednesday)

Time: 4:15 PM onwards

*Venue will be notified later

Eligibility Criteria:

- Open to all B.Tech 1st Year students
- Each team should consist of maximum 3 student members
- Poster title must be mentioned at the time of registration
- For registration, scan the QR code provided below

Awards & Certification

- Exciting prizes for top three teams
- Participation certificates for all participants

Contact (IKS Student member): Tusher Pramanik (Subhendu Adhikary @9475370546)



Vol: 02

September 2025 – June 2026

iks@uem.edu.in

June, 2026

Jñāna Pravāha

Mode: Offline

A POSTER PRESENTATION COMPETITION

on

“Banglar Aitijya (বাংলার ঐতিহ্য):
Heritage, Culture, and Knowledge – Jñāna Paramparā”

Organized by

Centre of Excellence for Indian Knowledge Systems (CoE-IKS),
University of Engineering & Management, Kolkata

on the occasion of

Paschim Banga Divas 2026



Date
20 June, 2026



Venue
B3.4.14



Coordinator
Dr. Soumyendu Banerjee

Certificate Distribution



Submitted Posters

Submitted Poster

Competition Flyer

Banglar Aitijya (বাংলার ঐতিহ্য)
Terracotta Temples of Bengal
নিবাসিত বিষয়: বাংলার টেরাকোটা মন্দির
History in clay, civilisation in relief

1. Overview
Unique 17th-18th century temples in Bankura, Bishnupur.

2. Period
Developed under the patronage of the Malla Kings.

3. Architecture
Curved roof, brick structures, terracotta decoration.

4. Narrative Art
Scenes from epics, daily life, nature & folklore.

5. Landmarks
Famous temples: Jarabanga, Shyamal, Rameswari.

6. Heritage Value
UNESCO recognition sought, living tradition.

Heritage is our past, identity, and pride.

AGNIKANYA
The Unsung Heroines of Bengal's Armed Revolution.
While history remembers the stalwarts, Bengal's daughters were shaking the foundations of the British Empire.

Faces of the Fire

Bina Des (1911-1986)
The Scholar Assassin.
Tried to assassinate the Governor Stanley Jackson during the Convocation at Calcutta University in 1932.

Pritilata Waddadar (1911-1932)
The Comet Leader.
Led a 100-mile march to the Panchsheel, European Club, and other public places, protesting against the curfew and the 'No Arms' policy.

Kalpna Datta (1913-1995)
The Strategist.
A core member of Surya Sen's group, specialising in manufacturing explosives and guerrilla warfare.

Matangini Hazra (1869-1942)
The Unyielding Spirit.
Shot dead by the British while leading a procession with torches, protesting against the curfew and the 'No Arms' policy.

Women Freedom Fighters of Bengal.
Heroines of Bengal's history

Impact & Legacy

- Shattered Victorian gender norms.
- Formed revolutionary student groups like Chhatra Sangha in Kolkata.
- Paved the way for modern Indian women in leadership and resistance.

IEM UNIVERSITY OF ENGINEERING & MANAGEMENT
Kolkata Newtown

UEM UNIVERSITY OF ENGINEERING & MANAGEMENT
Kolkata Newtown

University of Engineering & Management, Kolkata
School of
Institute of Engineering & Management (Newtown)
Centre of Excellence for Indian Knowledge Systems (CoE-IKS)

organizing

A POSTER PRESENTATION COMPETITION

on

**Banglar Aitijya (বাংলার ঐতিহ্য):
Heritage, Culture, and Knowledge –
Jñāna Paramparā**

On the Occasion of
Paschim Banga Divas 2026
20 June, 2026

Exploring Bengal's Heritage, Culture, and Knowledge Traditions

SUGGESTED POSTER SUB-THEMES

- 1. Ancient and Medieval Bengal
- 2. Bengal and Indian Knowledge Systems
- 3. Literature and Language
- 4. Science and Innovation
- 5. Art, Culture, and Heritage
- 6. Freedom Movement and Nation Building
- 7. Contemporary Bengal
- 8. Special Topics

REGISTER HERE

LAST DATE OF SUBMISSION
19 June 2026, 11:59 PM

MODE
ONLINE

POSTER SIZE
A4 PORTRAIT ORIENTATION

AWARDS
All participants will get participation certificate

COORDINATOR
Dr. Soumyendu Banerjee
(CoE-IKS)

February, 2026

Mode: Offline

Funded Project

IEM-UEM Grant-In-Aid Funded projects scheme

APPROVED

28th February, 2026

Project Title

**Design and Development of an AI-Enabled
Unmanned Ground Vehicle Based on
Observation–Inference–Feedback
(Pratyaksha–Anumana–Pratikriya) Principles**

-  PI : Dr. Soumyendu Banerjee (CoE-IKS)
-  Co-PI : Dr. Arnab Ghosh (Office of the Sustainability)
-  Co-PI : Dr. Sanjay Bhadra (EE)
-  Scheme : Grant-In-Aid (UEMK)



Project Grant No.

IEM(N)/2026/S/02-G70



This project aims to develop an intelligent unmanned ground vehicle that perceives, infers, and responds to its environment using the principles of Observation (Pratyaksha) – Inference (Anumana) – Feedback (Pratikriya), integrating AI techniques for real-world applications.

Vol: 02

September 2025 – June 2026

iks@uem.edu.in

February, 2026

Jñāna Pravāha

Venue: FICCI Auditorium

PAPER PRESENTATION #1



Prof. Dr. Soumyendu Banerjee

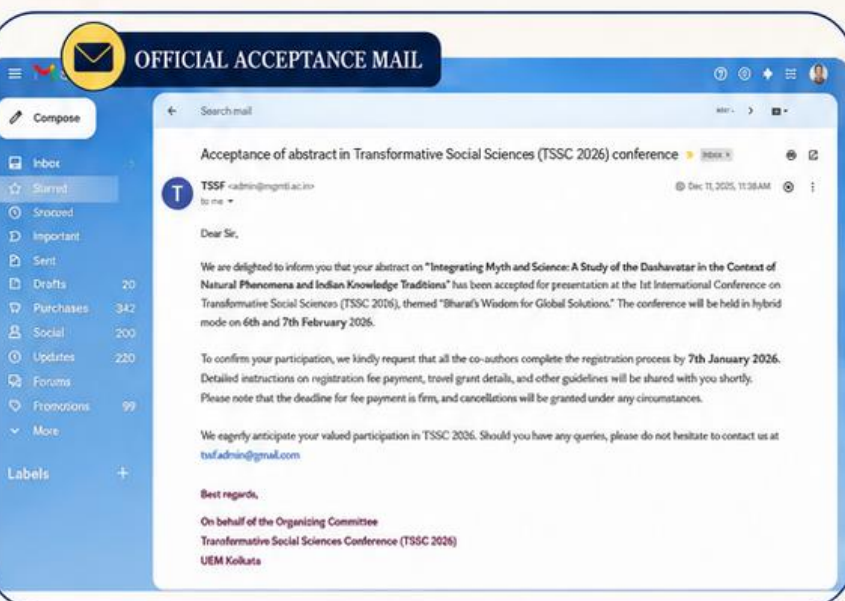
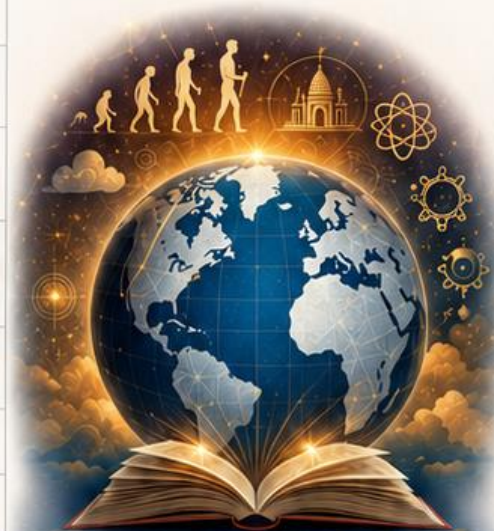


Date: 6th February, 2026



FICCI Auditorium (Offline)

	Title	: Integrating Myth and Science: A Study of the Dashavatar in the Context of Natural Phenomena and Indian Knowledge Traditions
	Authors	: Soumyendu Banerjee, Tushar Anand, Subhamita Adhikari
	Department Collaboration	: • CoE-IKS Students Chapter
	Conference	: 1 st International Conference on Transformative Social Sciences Conference (TSSC 2026): Bharat's Wisdom for Global Solutions in Hybrid Mode
	Status	: Presented (offline)
	Date	: 06/02/2026
	Presented by	: Dr. Soumyendu Banerjee



“ Exploring the timeless wisdom of India through the lens of myth and science, to inspire understanding, innovation and global harmony. ”



PAPER PRESENTATION #2



Prof. Dr. Soumyendu Banerjee



Date: 6th February, 2026



Moot Court (Offline)



Title

PSO-Optimized 3-DOF Robotic Arm on Arduino Mecanum Car:
: MATLAB-Based End-Effector Control with Bluetooth Mobility and Socio-Technical Integration of Indian Knowledge Systems



Authors

: Soumyendu Banerjee, Ananta Pathak, Rajeet Ash,
Pallav Saha, Mayukh Roy, Sourya Sinha



Department Collaboration

: Department of Robotics & AI



Conference

1st International Conference on Transformative Social Sciences
: Conference (TSSC 2026): Bharat's Wisdom for Global Solutions in Hybrid Mode



Status

: Presented (offline)



Date

: 06/02/2026



Presented by

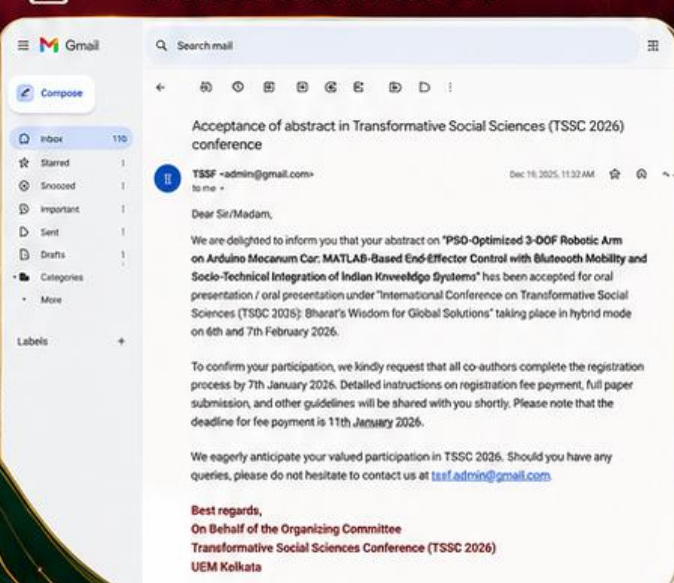
: Rajeet Ash

Jñāna Pravāha

*Rooted in Indian knowledge,
driven by innovation,
empowering communities for
a sustainable tomorrow.*



OFFICIAL ACCEPTANCE MAIL



PRESENTATION MOMENT



PAPER PRESENTATION #3



Prof. Dr. Soumyendu Banerjee



Date: 6th February, 2026



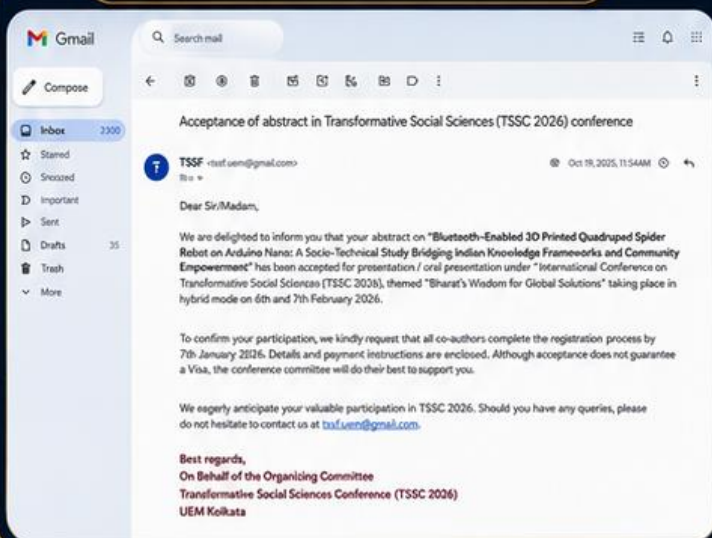
Moot Court (Offline)

Jñāna Pravāha

	Title	Bluetooth-Enabled 3D Printed Quadruped Spider Robot on Arduino Nano: A Socio-Technical Study Bridging Indian Knowledge Frameworks and Community Empowerment
	Authors	Soumyendu Banerjee, Arnab Ghosh, Sanjay Bhadra, Rupsa Saha, Priyanshu Das, Arpan Mukherjee
	Department Collaboration	- Department of Sustainability - Department of Robotics & AI - Department of Electrical Engineering
	Conference	1 st International Conference on Transformative Social Sciences Conference (TSSC 2026): Bharat's Wisdom for Global Solutions in Hybrid Mode
	Status	Presented (offline)
	Date	06/02/2026
	Presented by	Rupsa Saha



OFFICIAL ACCEPTANCE MAIL



PRESENTATION MOMENT



“ Rooted in Indian knowledge, driven by innovation, empowering communities for a sustainable tomorrow. ”



February, 2026



Venue: Moot Court

PAPER PRESENTATION #4



Prof. Dr. Soumyendu Banerjee

- Date: 6th February, 2026
- Moot Court (Offline)

JÑĀNĀ PRAVĀHA

FLOWING KNOWLEDGE.
INSPIRING FUTURES.



TITLE

: Sustainable Bio-Inspired Quadruped Dog Robot Using Arduino: MATLAB-Generated 3-DOF Gait Control and Socio-Technical Integration with Indian Knowledge System



AUTHORS

: Soumyendu Banerjee, Arnab Ghosh, Koustov Mondol, Joy Chanda, Abhinav Singh, Rayan Bhowmick



DEPARTMENT COLLABORATION

- Department of Sustainability
- Department of Robotics & AI



CONFERENCE

: 1st International Conference on Transformative Social Sciences Conference (TSSC 2026): Bharat's Wisdom for Global Solutions in Hybrid Mode



STATUS

: Presented (offline)



DATE

: 06/02/2026

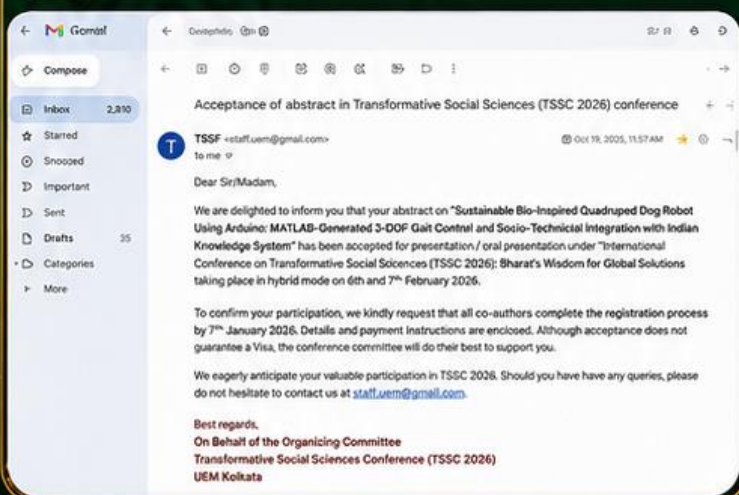


PRESENTED BY

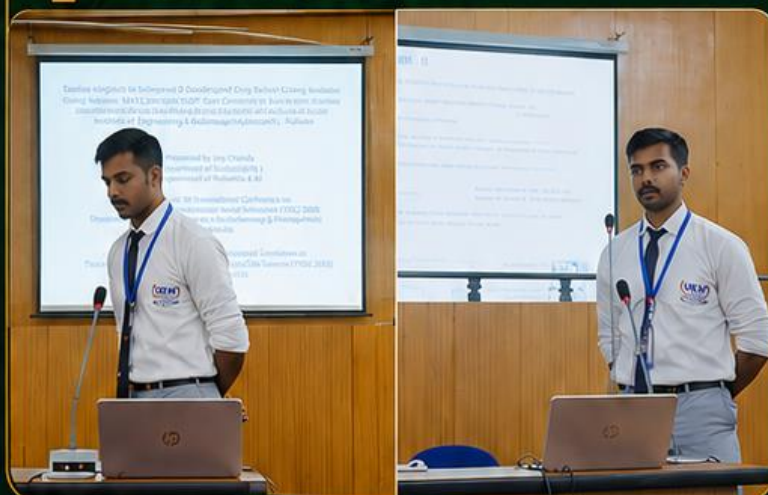
: Joy Chanda



OFFICIAL ACCEPTANCE MAIL



PRESENTATION MOMENTS



“ Rooted in Indian knowledge, driven by innovation,
empowering communities for a sustainable tomorrow. ”

One Day Symposium on
**Synergizing Indigenous
Knowledge Systems and
Artificial Intelligence:
An Indian Perspective**

A part of

Santali Katha

a multidisciplinary exhibition and seminar
exploring the Santal community through the
lens of continuity and change.



Thursday,
07 May 2026

10:30 am to
02:00 pm

Kolkata Centre
for Creativity (KCC)

ORGANISED BY

- Centre of Excellence for Indian Knowledge Systems (CEIKS)
- Centre of Excellence in Literature Language and Communication Skills (CELLCS)
- Centre of Excellence in Sustainable Development Research (CESDR)

PROGRAM CONVENORS

Prof. (Dr.) Shambhu Prasad
Chakrabarty
Director, (CESDR).
Dean, Department of Law (UoS),
UEM Kolkata

Prof. (Dr.) Ayantia Banerjee
Director, (CELLCS),
Department of Basic Sciences
and Humanities,
UEM Kolkata

ABOUT THE SYMPOSIUM

This symposium brought together scholars, practitioners, and students to explore the intersection of Indigenous Knowledge Systems and Artificial Intelligence from an Indian perspective.

The discussions reflected on tradition, technology, and their convergence in shaping a sustainable and inclusive future, while highlighting the wisdom embedded in Indian knowledge traditions.



“ Honoring the wisdom of our roots,
embracing the intelligence of the future. ”

Jñāna Pravāha

Centre of Excellence for Indian Knowledge Systems (CoE-IKS), UEMK

Alchiki



Jñāna Pravāha

A Flow of Knowledge, Research and Excellence

Vol 02

CENTRE'S ACHIEVEMENT

within September 2025–June 2026



01

INTERNATIONAL
CONFERENCE



04

INVITED
LECTURE TALK



02

POSTER
COMPETITION



01

ONE DAY
SYMPOSIUM



04

RESEARCH PAPER
PRESENTED IN
INTERNATIONAL
CONFERENCE



04

DEPARTMENTAL
COLLABORATION

MONTHLY PROGRAMME SCHEDULE



OCTOBER 2025

Monthly Lecture Series
Talk – I



JANUARY 2026

Monthly Lecture Series
Talk – II



FEBRUARY 2026

- i. International Conference Organized
- ii. 4 Research Paper Presented



MARCH 2026

- i. Poster Competition Organized – 1
- ii. Monthly Lecture Series Talk – III



MAY 2026

One Day Symposium
Organized



JUNE 2026

- i. Poster Competition Organized – 2
- ii. Monthly Lecture Series Talk – IV



“

Knowledge flows,
Impact grows,
Excellence shows.



Jñāna Pravāha

Memories from

Jñāna Pravāha

Vol 1 (February 2024 - August 2025)



Inauguration ceremony



One day symposium on Aryan Invasion Theory and Vedic Sarasvati



Coin--Exhibition
By: Numismatic Society of Calcutta

Multidisciplinary Elective Course

August-November, 2024

Organised and Conducted by CoE IKS

ANCIENT INDIAN ASTRONOMY

RESOURCE PERSON: PROF. AMITABHA GHOSH, EMERITUS SCIENTIST, INSA

January, 2025 || Jñāna Pravāha

ESI Golden Jubilee Lecture Series

Lecture I: By Prof. Richard G. Salomon

- January 06, 2025
- FICCI Auditorium



The Centre of Excellence for Indian Knowledge Systems and the Centre of Excellence in Intellectual Property Research in collaboration with the Department of Robotics & AI, UEM Kolkata

Welcome you all to

A SPECIAL TALK

by

Ms Swati Meherishi

Editor-in-Chief, Applied Cosmics and Engineering, Springer Nature

on
Mastering the Art of Scientific Writing:
Principles, Practices, and Pitfalls

January, 2025



Some glimpses from Two-Day Workshop on Early Brāhmī



Preserving Heritage • Advancing Wisdom • Inspiring Innovation • Enriching Lives



ESTABLISHED ON

16/02/2024



TOTAL PUBLICATION

06

- Journal: 01
 - Book: 01
 - International Conference: 04
- SCOPUS PUBLICATION

05



TOTAL EVENTS

38

- On 2024: 10
- On 2025: 22
- On 2026: 06



PARTICIPANT

1200+



REVENUE
GENERATED

₹13,300



GRANTED
PROJECT

02



COLLABORATION

NATIONAL

COLLABORATION

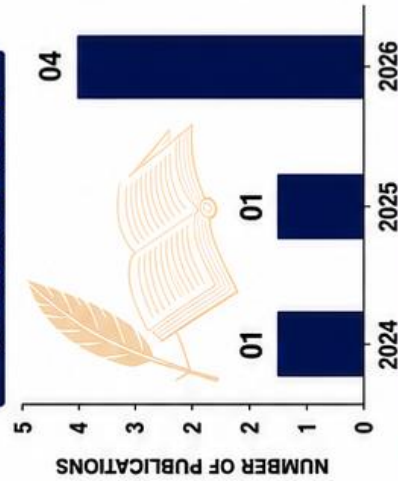
02

INTERNATIONAL

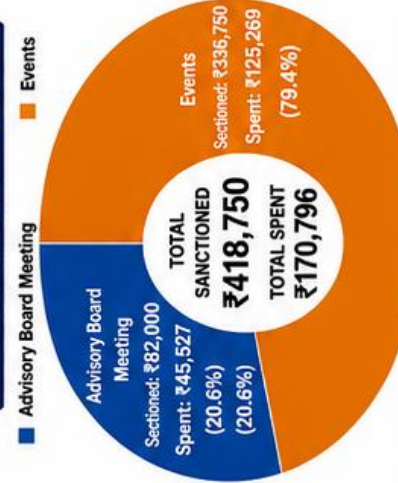
COLLABORATION

03

1. PUBLICATION GROWTH



2. FUNDING UTILIZATION



3. VISUAL HIGHLIGHTS



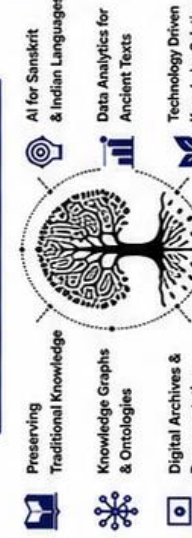
4. GRANT IN AID PROJECT



5. ALL PROGRAMS CONDUCTED

International Conference	01	One Day Symposium	02
Workshop	01	Outreach Program	01
Exhibition	01	Site Visit	01
Invited Lecture	27	FDP	01
Student Activities	03		

6. IKS + TECHNOLOGY



7. INTERNATIONAL COLLABORATIONS

University of Washington (USA)

Humboldt University of Berlin (Germany)

Ludwig-Maximilians-Universität München (Germany)

8. OUR JOURNEY (2024 - 2026)



9. VISION

To be a global leader in preserving, promoting, and advancing Indian Knowledge Systems through research, innovation, and collaborative engagement for the welfare of society and the world.

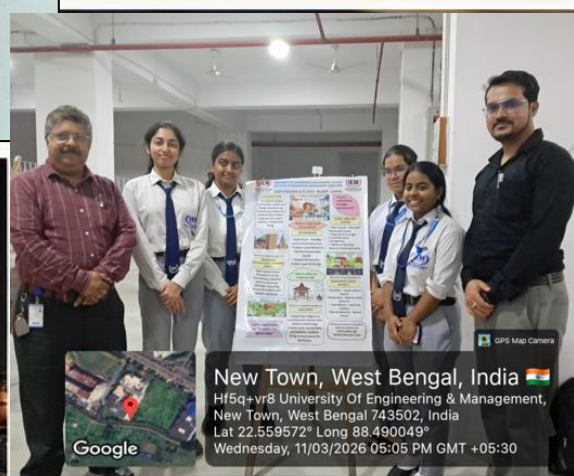
10. MISSION

To document, digitize, and disseminate Indian Knowledge Systems, foster interdisciplinary research, create awareness, and integrate traditional wisdom with modern knowledge for sustainable development and global harmony.

PHOTO GALLERY

Institute of Engineering & Management, Kolkata Newtown

(School of University of Engineering & Management, Kolkata)



Jñāna Pravāha Vol. 2

September 2025 to June 2026



List of books available in Centre of Excellence for Indian Knowledge Systems, UEM Kolkata

Accession Date	Accession No	Title	Author	Publisher	Place of Publication	Year	Pages	ISBN	Call No.
22-01-2025	38814	The Pull Towards the Coast and Other Essays on the Indian Ocean History, and the Subcontinent Before 1500 CE	Ranabir Chakravarti	Primus Books	New Delhi	2024	326p.	9788194786948	623.89225 CHA
24-07-2024	37513	The Concept of Ekāvātāra and Other Essays	B.D. Chattopadhyaya	Permanent Black	Kolkata	2017	240p.	9788178245478	954.0072 CHA
24-07-2024	37514	Trade and traders in early Indian society	Ranabir Chakravarti	Manohar Publishers & Distributors	New Delhi	2024	328p.	9788173046957	380.10954 CHA
24-07-2024	37515	Ancient to Medieval South Indian Society in Transition	Noboru Karashima	Oxford University Press	New Delhi	2022	301p.	9780198063124	954.82023 KAR
24-07-2024	37516	History and Theory The Study of State, Institutions and the Making of Past	edited by Bhairabi Prasad Sahu	Orient Blackswan Pvt. Ltd.	Hyderabad	2019	360p.	9789352874644	954 SAH
24-07-2024	37517	The making of regions in Indian history The Bengal Identity in premodern Odisha	Bhairabi Prasad Sahu	Primus Books	Delhi	2020	270p.	978939850321	954.133 SAH
24-07-2024	37518	Translating Boundaries premodern Cultural Transactions across Asian Frontiers Essays in Honour of Professor Gerard J. Fussman	edited by Susmita Basu Majumdar	Primus Books	Delhi	2024	814p.	9789361770593	954.5.4 MAJ
24-07-2024	37519	Women and domestic Buddhism in early South Asia Rediscovering the invisible believers	Garima Kaushik	Routledge	New York	2016	284 pages : 29.4 cm.	9781138667518	294.365708 2 KAU
22-01-2025	38812	Social and economic history of early Deccan some interpretation	edited by Aloka Parasher-Sen	Manohar Publishers & Distributors	New Delhi	2024	xxi, 304 p.	9788173040535	954.8 SEN
22-01-2025	38813	Land System and Rural Society in Early India	Bhairabi Prasad Sahu	Manohar Publishers & Distributors	New Delhi	2025	380p.	9788173042959	954.01 SAH

Jñāna Pravāha Vol. 2

September 2025 to June 2026

List of books available in Centre of Excellence for Indian Knowledge Systems, UEM Kolkata

 Accession Date	 Accession No	 Title	 Author	 Publisher	 Place of Publication	 Year	 Pages	 ISBN	 Call No.
22-01-2025	38815	Women in Early Indian Societies	edited by Kumkum Roy	Manohar Publishers & Distributors	New Delhi	2025	385p.	9788173043826	305.420954 01 ROY
22-01-2025	38816	Archaeology and Buddhism in South Asia	Himanshu Prabha Ray	Routledge	New Work	2025	139p.	9780815353058	294.365 RAY
22-01-2025	38817	Madhya Pradesh cultural and historical geography from place names in inscriptions	Malati Mahajan	Sharada Pub. House	Delhi	2000	2 v. (xviii, 503)	8185616612	915.4 MAH
22-01-2025	38818	Madhya Pradesh cultural and historical geography from place names in inscriptions	Malati Mahajan	Sharada Pub. House	Delhi	2000	2 v. (xviii, 503)	8185616612	915.4 MAH
22-01-2025	38819	Chhattisgarh culture names in inscriptions and historical geography from place names in inscriptions /	Malati Mahajan.	Sharada Pub. House	Delhi	2000	2 v. (xviii, 503)	8185616612	915.4 MAH
22-01-2025	38820	Orissa, from place names in inscriptions C. 260 B.C.-1200 A.D. cultural and historical geography	Malati Mahajan	Sharada Pub. House	Delhi	2003	xx, 447 p.	8185616906	911.5413 MAH
22-01-2025	38821	The archaeology of sacred places : the temple in W. India, 2nd century BCE-8th century CE	Susan Verma Mishra and Himanshu Prabha Ray	Routledge	New York	2024	283p.	9781138219649	726.109547 MIS
22-01-2025	38822	Coins in India power and communication	edited by Himanshu Prabha Ray	Marg Publications on behalf of the National Centre for the Performing	Mumbai	2006	116p.	8185026734	737.4954 RAY
29-01-2025	38958	The Science Of Ritual	Staal Frits	Oriental Research Institute	Pune	2022	101p.	9788194055921	203.8 STA
29-01-2025	38957	Some women's rites and rights in the Veda	Hana-Peter Schmidt	Bhandarkar Oriental Research Institute	Pune	1987	134p.	9788194102656	323.340 SCH

Jñāna Pravāha Vol. 2

September 2025 to June 2026

List of books available in
Centre of Excellence for
Indian Knowledge Systems,
UEM Kolkata



Accession Date	Accession No	Title	Author	Publisher	Place of Publication	Year	Pages	ISBN	Call No.
29-01-2025	38965	Recent trends in Indology	R. N. Dandekar	Bhandarkar Oriental Research Institute	Pune	2023	131p.	9788194039136	954.0072 DAN
29-01-2025	38964	Malati-Madhava of Bhavabhuti	Ramkrishna Gopal Bhandarkar	Bhandarkar Oriental Research Institute	Pune	1970	891.23	9788194207658	891.23 BHA
29-01-2025	38963	List of Tirthas being an ancient from P. V. Kane's	P. V. Kane's	Bhandarkar Oriental Research Institute	Pune	1953	954 KAN	9788194182030	954 KAN
29-01-2025	38962	History of Dharmasastra ancient and medieval religious and civil law in India	Pandurang Vaman Kane	Bhandarkar Oriental Research Institute	Pune	2019		9788193554708	294.5926 KAN
29-01-2025	38961	History of Dharmasastra ancient and medieval religious and civil law in India	Pandurang Vaman Kane	Bhandarkar Oriental Research Institute	Pune	2019		9788193554708	294.5926 KAN
29-01-2025	38960	History of Dharmasastra ancient and medieval religious and civil law in India	Pandurang Vaman Kane	Bhandarkar Oriental Research Institute	Pune	2019		9788193554708	294.5926 KAN
29-01-2025	38959	History of Dharmasastra ancient and medieval religious and civil law in India	Pandurang Vaman Kane	Bhandarkar Oriental Research Institute	Pune	2019		9788193554708	294.5926 KAN
29-01-2025	38954	History of Dharmasastra ancient and medieval religious and civil law in India	Pandurang Vaman Kane	Bhandarkar Oriental Research Institute	Pune	2019		9788193554708	294.5926 KAN
29-01-2025	38955	Malati-Madhava of Bhavabhuti	Ramkrishna Gopal Bhandarkar	Bhandarkar Oriental Research Institute	Pune	1970	891.23	9788194207658	891.23 BHA
29-01-2025	38956	Recent trends in Indology	R. N. Dandekar	Bhandarkar Oriental Research Institute	Pune	2023	131p.	9788194039136	954.0072 DAN

Jñāna Pravāha

Vol. 2

September 2025 to June 2026

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**Centre of Excellence for
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UEM Kolkata



Accession Date	Accession No	Title	Author	Publisher	Place of Publication	Year	Pages	ISBN	Call No.
29-01-2025	38966	History of Dharmasastra ancient and medieval religious and civil law in India	Pandurang Vaman Kane	Bhandarkar Oriental Research Institute	Pune	2019		9788193554708	294.5926 KAN
24-03-2025	39345	Indian Epigraphical Glossary	D. C. Sircar	Banarasidas Motilal International	New Delhi	2023	560p.	9788119196890	491.21 SIR
24-03-2025	39346	The Kautiliya Arthasastra Vol.1.: Sanskrit text with a Glossary	R. P. Kangle	Banarasidas Motilal Publishers Pvt. Ltd.	Kolkata	2014	345p.	9788120800397	330.934 KAN
24-03-2025	39347	The Kautiliya Arthasastra Vol.2.: Translation with Critical and Explanatory Notes	R. P. Kangle	Banarasidas Motilal Publishers Pvt. Ltd.	Kolkata	2014	519p.	9788120800403	330.934 KAN
24-03-2025	39348	The Kautiliya Arthasastra Vol.3.: A Study	R. P. Kangle	Banarasidas Motilal Publishers Pvt. Ltd.	Kolkata	2014	302p.	9788120800410	330.934 KAN
24-03-2025	39349	Pala-Sadda-Mahanavo A Comprehensive Prakrit-Hindi Dictionary and complete references	Pandit Hargovind Das T. Sheth	Bansidass Publishing House	Delhi	2022	952p.	9789356762244	891.308 SHE
24-03-2025	39350	Land System and Rural Society in Early India	Bhairabi Prasad Sahu	Manohar Publishers & Distributors	New Delhi	2025	380p.	9788173042959	954.01 SAH
24-03-2025	39351	Mariners, merchants, and oceans studies in maritime history	edited by K.S. Mathew	Manohar Publishers & Distributors	New Delhi	2025	xiii, 488 p.	9788173040757	387.5 MAT
	39352	Women in Early Indian Societies	edited by Kumkum Roy	Manohar Publishers & Distributors	New Delhi	2025	385p.	9788173043826	305.420954 01 ROY

Jñāna Pravāha

KNOWLEDGE | INNOVATION | IMPACT

June, 2026

Upcoming Events



Institute of Engineering & Management, Kolkata
(Newtown Sector)
School of University of Engineering & Management, Kolkata

The Centre of Excellence for Indian Knowledge Systems (CoE-IKS),
in collaboration with
The Department of Basic Science and Humanities
cordially invites you to



INSTITUTE OF ENGINEERING & MANAGEMENT
Good Education, Good Jobs

MONTHLY LECTURE SERIES

Talk V

Can IKS concepts be useful for designing next-gen AI?



Dr. Sohom Chakrabarty
Associate Professor of Electrical Engineering, Department
Join Faculty in the
Center for Indian Knowledge Systems
Indian Institute of Technology Roorkee - 247667

July 3, 2026 | **4:00 PM (IST)**

MODE ONLINE

COORDINATOR
Dr. Soumyendu Banerjee

Open to all



Institute of Engineering & Management, Kolkata
(Newtown Sector),
School of
University of Engineering & Management, Kolkata

The Centre of Excellence for Indian Knowledge Systems (CoE-IKS),
in collaboration with
The Department of Basic Science and Humanities
cordially invites you to



UNIVERSITY OF ENGINEERING & MANAGEMENT
Good Education, Good Jobs

MONTHLY LECTURES SERIES

Talk VI

**Colours and fragrances
Traditional Indian
technology and evidences**



By: Dr. Kanika Gupta
Visiting Faculty, NID Ahmedabad, Jorhat,
Kurukshetra, Gandhinagar, IIT Bhubaneswar

Mode Online

Date 15 / 07 / 2026

Time 4:30 pm (IST) onwards

Scan for Register

Open to all

Coordinator of the Lecture Series:
Dr. Soumyendu Banerjee



SAMVARDHAN
2026

NATIONAL HACKATHON ON
INDIAN KNOWLEDGE SYSTEMS,
SUSTAINABILITY AND EMERGING TECHNOLOGIES
NURTURING TRADITION, ENABLING SUSTAINABILITY

Centre of Excellence for
Indian Knowledge Systems
(CoE-IKS)

AI Systems
Sustainability
Innovation
(University of Engineering & Management, Kolkata)

**Monthly
Lecture Series**

V - - X



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We are deeply grateful to the patrons whose vision, generosity, and encouragement make this Centre grow. Their support fuels our commitment to creative expression, independent thought, and meaningful storytelling.

To our patrons: thank you for believing in our work, and for standing with us as we bring inspiring stories to life.



Prof. Banani Chakrabarti
Chancellor
UEM Kolkata



Prof. (Dr.) Satyajit Chakrabarti
Vice Chancellor
UEM Kolkata

Timelines

1st December, 2023

First advisory board meeting and formation of the Centre of Excellence for Indian Knowledge Systems, UEM Kolkata

16th February, 2024

Inauguration of the Centre of Excellence for Indian Knowledge Systems, UEM Kolkata, graced by Padmashree Prof. D.K. Chakraborty,

10 February, 2025

First Executive Committee Meeting

14th February, 2025

Second Advisory Board Meeting

14th October, 2025

Third Advisory Board Meeting

Centre of Excellence for Indian knowledge Systems (CoE-IKS), UEMK







Konark Sun temple, Odisha
Photograph © Dr. Soumyendu Banerjee

