



AMRITA
VISHWA VIDYAPEETHAM
DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF UGC ACT, 1956
KOCHI CAMPUS



Mādhava to Modernity:

An International Symposium on

Indian Knowledge Systems (IKS)

in Physical Sciences, Mathematics and Astronomy

29th – 30th JANUARY 2026

Organised by
Indian Knowledge Systems (IKS)
Research Centre for Mathematical, Physical and Astronomical Sciences
Amrita Vishwa Vidyapeetham, Kochi Campus

Amrita Vishwa Vidyapeetham, Kochi Campus

Amrita Vishwa Vidyapeetham is a multi-campus university committed to delivering exceptional quality education that seamlessly integrates modern advancements with strong human values. Recognized among the top research universities in India by reputed international ranking organizations, the University is headquartered in Coimbatore and with a network of ten campuses located in Amaravati, Amritapuri, Bengaluru, Chennai, Coimbatore, Kochi, Mysuru, Nagercoil, NCR Delhi (Faridabad), and Haridwar.

The Amrita Vishwa Vidyapeetham, Kochi Campus, is located within the serene and picturesque Brahmasthanam Temple complex along NH-17 near Edappally, Kochi. Nestled in an environment rich in biodiversity, the campus is equipped with state-of-the-art infrastructure, highly qualified and dedicated faculty, and a well-organized administrative system. The campus has different schools, School of Physical Sciences, School of Arts, Humanities, Visual Media, Commerce, and School of Computing which offers Ph.D., Undergraduate and Graduate programmes in Mathematics, Physics, Visual Media & Communication, Commerce & Management, English Language & Literature, and Computer Science & IT.

IKS Research Centre for Mathematical, Physical and Astronomical Sciences

India's rich intellectual legacy in mathematics, physics, and astronomy forms one of the most profound chapters in the global history of science. The IKS Centre for Mathematical, Physical and Astronomical Studies has been established with a vision to bridge ancient Indian scientific wisdom with contemporary research methodologies, ensuring that traditional knowledge continues to inspire and inform modern science.

Programme Schedule

DAY 1

09.00 a.m.- 09.30 a.m.	Registration	
09.30 a.m. - 10.15 a.m. <i>Auditorium</i>	Inaugural Session	Chief Guest: Prof. K. Ramasubramanian <i>Professor-in-Charge, Centre for Traditional Indian Knowledge and Skills, IIT Bombay</i>
10.15 a.m. - 10.20 a.m.	Tea Break	
10.20 a.m. - 11.30 a.m. <i>Auditorium</i>	Session I	Prof. K. Ramasubramanian <i>Professor-in-Charge, Centre for Traditional Indian Knowledge and Skills, IIT Bombay</i>
11.30 a.m. - 12.30 p.m. <i>Auditorium</i>	Session II	Dr. V. Ramanathan <i>Associate Professor Department of Chemistry & Coordinator, IKS Center of Excellence IIT(BHU) Varanasi</i>
<i>Saraswathi Hall</i>	Paper Presentation	<i>(Parallel)</i>
12.30 p.m. - 1.30 p.m.	Lunch Break	
01.30 p.m. - 02.15 p.m. <i>Auditorium</i>	Session III	Shri. Kanippayyur Krishnan Namboodiripad <i>Dean Vastuvidya Gurukulam Govt of Kerala</i>
02.15 p.m. - 03.00 p.m. <i>Auditorium</i>	Session IV	Dr. M. V. Natesan <i>Rtd. Professor, SSUS, Kalady & Member of Bharatiya Bhasha Samiti Ministry of Education</i>
<i>Saraswathi Hall</i>	Session V	Prof. Eva Orthmann <i>University of Göttingen Germany</i>
03.00 p.m. - 03.15 p.m.	Tea Break	
03.15 p.m. - 04.00 p.m. <i>Amriteswary Hall</i>	Session VI	Prof. M. S. Sriram <i>Former Professor, Theoretical Physics, University of Madras</i>
<i>Saraswathi Hall</i>	Paper Presentation	<i>(Parallel)</i>

Programme Schedule

DAY 2

9.30 a.m. - 10.30 a.m. <i>Amriteswary Hall</i>	Session VII	Prof. N. K. Sundareswaran <i>Rtd. Professor University of Calicut</i>
10.30 a.m. - 11.15 a.m. <i>CIR Conference Hall</i>	Paper Presentation	(Parallel)
10.45 a.m. - 11.00 a.m.	Tea Break	
11.00 a.m. - 12.00 p.m. <i>Saraswathi Hall</i>	Session VIII	Prof. M.D. Srinivas <i>(Padmashri Awardee) Former Professor of Theoretical Physics, University of Madras</i>
11.15 a.m. - 12.30 p.m. <i>Amriteswary Hall</i>	Panel Discussion	Moderator: Dr. U. Krishnakumar <i>Dean & Director, Amrita Vishwa Vidyapeetham, Kochi Campus</i>
		Expert 1: Dr. Rajasekhar P. Vaikom <i>Researcher in Kerala School of Mathematics, Structural Design Engineer \$ Former Chief Engineer, FACT, Kochi</i>
		Expert 2: Prof. N. K. Sundareswaran <i>Rtd. Professor University of Calicut</i>
		Expert 3: Dr. V. Siva Kumar <i>Dept. of Research & International Programs, Course Director- Indian Philosophy, Amrita Institute of Medical Sciences, Kochi</i>
12.30 p.m. - 01.30 p.m.	Lunch Break	
01.00 p.m. - 04.00 p.m. <i>Auditorium</i>	All India Quiz Competition	Lead by 'The Quiz Man' Shri. Snehaj Srinivas
03.30 p.m. - 4.15 p.m. <i>Saraswathi Hall</i>	Session IX	Prof. Roy Wagner <i>Professor for History & Philosophy of Mathematical Sciences, ETH Zürich, Switzerland</i>
04.00 p.m. - 04.15 p.m.	Tea Break	
04.15 p.m. - 05.00 p.m. <i>Amriteswary Hall</i>	Valedictory Function	Guest of Honour: Prof. P. V. Viswanathan Namboothiri <i>Rtd. Professor of Sanskrit Baselios College, Kottayam</i>

Resource Persons



Prof. K. Ramasubramanian

*Professor-in-Charge,
Centre for Traditional Indian Knowledge and
Skills, IIT Bombay*



Dr. V. Ramanathan

*Associate Professor, Department of Chemistry &
Coordinator, IKS Center of Excellence
IIT(BHU) Varanasi*



Shri. Kanippayur Krishnan

Namboodiripad
*Dean, Vasthuvidya Gurukulam
Govt of Kerala*



Prof M. V Natesan

*Rtd. Professor, SSUS, Kalady &
Member of Bharatiya Bhasha Samiti
Ministry of Education*



Prof. Eva Orthmann

*Professor
University of Göttingen, Germany*



Prof. M. S. Sriram

*Former Professor, Theoretical Physics,
University of Madras*



Prof. N. K. Sundareswaran

*Rtd. Professor
University of Calicut*



Prof. M. D. Srinivas

*Former Professor of Theoretical Physics
University of Madras*



Dr. U. Krishnakumar

*Dean & Director
Amrita Vishwa Vidyapeetham, Kochi Campus*



Dr. Rajasekhar P. Vaikom

*Researcher in Kerala School of Mathematics
Structural Design Engineer & Former Chief Engineer,
FACT, Kochi*



Dr. V. Siva Kumar

*Dept. of Research & International Programs,
Course Director- Indian Philosophy
Amrita Institute of Medical Sciences, Kochi*



Prof. Roy Wagner

*Professor for History & Philosophy
of Mathematical Sciences,
ETH Zürich, Switzerland*



Prof. P. V. Viswanathan Namboothiri

*Rtd. Professor of Sanskrit
Baselios College, Kottayam*



Dr. P. Rammanohar

*IKS Research Centre of excellence,
Amritapuri Campus*



Shri. Snehaj Srinivas

(The Quiz Man)



Registration Deadlines

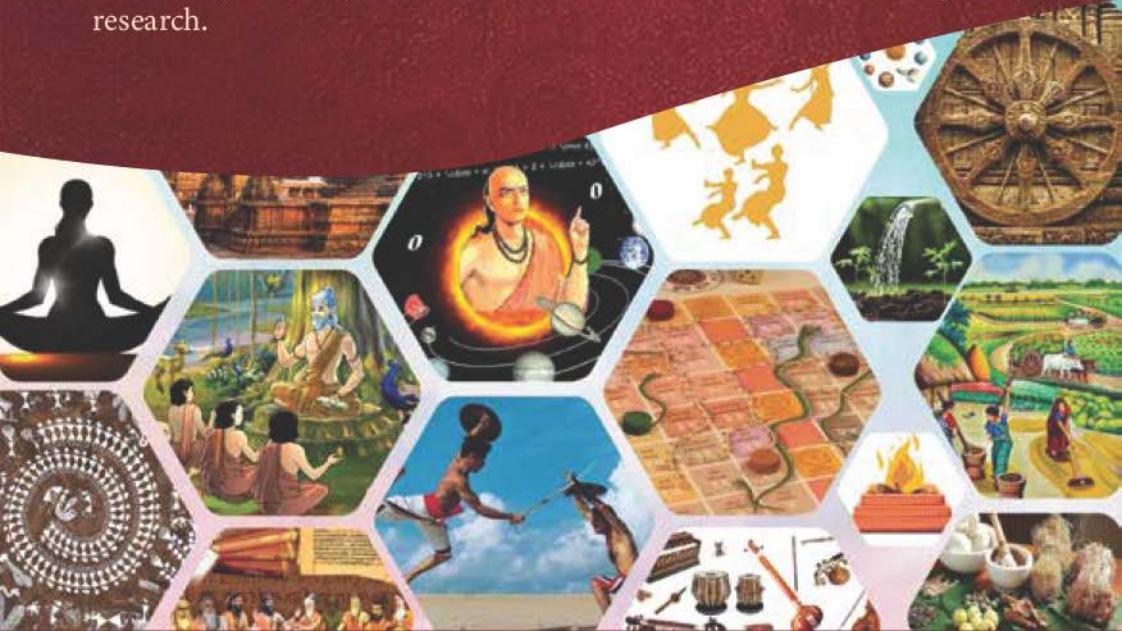
Last date : 26th Jan 2026

No Registration Fee

The Indian Knowledge Systems (IKS) Research Centre for Mathematical, Physical and Astronomical Sciences at Amrita Vishwa Vidyapeetham, Kochi Campus, was established in March 2025. The Centre primarily focuses on the Kerala School of Mathematics and Astronomy, a distinguished intellectual tradition that flourished between the 14th and 16th centuries. Founded by Sangamagrama Madhava, this school laid the groundwork for several fundamental concepts in calculus, trigonometry, and astronomical computation—centuries before their formal development in the West. The Centre promotes in-depth research on ancient Indian Mathematical and Astronomical texts, with a special focus on the rich intellectual traditions of Kerala. Its activities include manuscript translation, preservation, and the study of traditional computational techniques. It aims to bridge classical knowledge with contemporary scientific research, fostering a deeper understanding of India's rich scientific heritage.

Objective of the Event

The symposium aims to bring together national and international scholars to explore the scientific heritage of the Kerala School of Mathematics, Astronomy, and Physical Sciences, and its connections to contemporary research.



Organising Team

Convener

Dr. K. Sreekanth

Principal Investigator (PI)
IKS Research Centre for
Mathematical, Physical and
Astronomical Sciences
Amrita Vishwa Vidyapeetham
Kochi Campus

Joint Convener

Dr. U. Krishnakumar

Co-PI
Dean & Director,
Amrita Vishwa Vidyapeetham,
Kochi Campus

Coordinators

Shri. V. Jyothish Mayi

Assistant Professor & Head,
Department of Cultural
Education and India Studies

Dr. Sreedevi R. Mohan

Assistant Professor & Head,
Department of Sciences

Joint Coordinators

Smt. Deepthy S. Nair

Assistant Professor,
Department of Sciences

Ms. Manoranjini T. R

Research Assistant,
IKS Research Centre

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For More Information Contact:

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