

17.11.2024

9.30am to 11.15am

Yuktibhasha

Prof. V. P. N. Nampoori

(International School of Photonics, Cochin,
University of Science and technology, Cochin)

11.30am to 1.00pm

Introducing Ramanujan and his
Mathematics

Prof. V. P. N. Nampoori

(International School of Photonics, Cochin,
University of Science and technology, Cochin)

2.30pm

Valedictory session

Valedictory address

Prof. Prasad Krishna

(Director
National Institution of Technology
Calicut)

Presidential Address

Prof. K. K. Shine

Director
CSU, Guruvayoor Campus

Presence

Sri. Vinod. A

(Director, Madhava Ganita Kendram)

Prof. K. Viswanthan

(FDP Coordinator & Special officer &
Centre in-charge
Pavaratty Centre,
Csu Guruvayoor Campus)

Introduction

This FDP aims to delve into the rich and diverse heritage of Bharatheeya-Ganitham and linguistics, showcasing ancient theories, systems, significant contributions that have shaped these fields and its applications in current day mathematics. Participants will engage with the historical context, theoretical foundations, and practical applications of various systems, ranging from the alphanumeric representations in ancient texts to modern mathematical innovations.

Objectives:

- To introduce participants to the foundational principles and concepts of Bharatheeya-Ganitham.
- To explore the historical context and development of various mathematical systems and theories.
- To highlight the contributions of key Indian mathematicians and their impact on the field.
- To foster an appreciation for the intellectual heritage of India and its contributions to global knowledge.
- To provide a platform for discussion and exploration of contemporary research in Bharatheeya-Ganitham.

All are Welcome

Sri. Vinod. A

Director
Madhava Ganita Kendram

Prof. K. Viswanthan

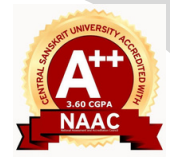
Special officer & Centre in-charge
Pavaratty Centre,
Csu Guruvayoor Campus

Prof. K. K. Shine

Director
Guruvayoor Campus

For more details:

Prof. K. Viswanathan - 9061605851 (Coordinator)
9481226114, 9745809456



Central Sanskrit University

Guruvayoor Campus

Puranattukara, Thrissur,
Kerala - 680551

**P. T. Kuriakkose Smriti Bhavan,
Pavaratty
and**

**Madhava Ganita Kendram,
Sangamagrama, Irinjalakkuda, Kerala**

Jointly organising

Seven Day

Faculty Development Program on

"Bharateeya-Ganitam"



Mentor:
Prof. Shrinivasa
Varakhedi



Director:
Prof. K. K. Shine

Date:- 11.11.2024 to 17.11.2024

Venue:- P. T. Kuriakkose Smriti Bhavan, Pavaratty

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11.11.2024

Inaugural Session

Inauguration

Prof. M. Junaid Bhushiri

(Vice Chancellor,

Cochin University of Science and Technology)

Keynote address

Dr. T. V. Muralivallabham

(Directotr

Marrian Institute of Management, Kuttikkanam,

Idukki)

Presidential Address

Prof. K. K. Shine

Directore

CSU, Guruvayoor Campus

Presence

Sri. Vinod. A

(Director, Madhava Ganita Kendram)

Prof. K. Viswanthan

(FDP Coordinator & Special officer & Centre in-charge

Pavaratty Centre,

CSU, Guruvayoor Campus)

Sessions

2.00pm to 03.30pm

Decimal system and numerals

Shri S. Haridas

3.45pm to 5.00pm

The Evolution of Mathematics Prior to

Bhaskaracharya

Dr. Anil Narayanan N

(Assistant Professor in Sanskrit Sahitya, Govt.

Sanskrit College, Thiruvananthapuram)

12.11.2024

9.30am to 01.00pm

Golden Era of Sangamagrama Madhava

Dr. P. V. Madhukar Mallayya.

(Professor & Head, Department of Mathematics &

Science, Mohandas College of Engineering and

Technology, Anad, Thiruvananthapuram)

2.00pm to 3.30pm

Eight Fundamental Operations

Shri S. Haridas

3.45pm to 5.00pm

Bhaskaracharya and Lilavati

Dr. Anil Narayanan N

(Assistant Professor in Sanskrit Sahitya, Govt.

Sanskrit College, Thiruvananthapuram)

13.11.2024

9.30am to 1.00pm

Ancient Method of weather forecasting

Dr. Unnikrishnan

HoD, Mathematics & Data Science, Sri C. Achutha

Menon Govt. College, Thrissur

2.00pm

Visit of Madhava Sthanam.

14.11.2024

9.30am to 01.00pm

Overview of Karanapaddhati

Dr. Venkateswara Pai

(Associate Professor, Humanities and Social

Sciences, IISER, Pune)

2.00pm to 5.00pm

Vedic Mathematics–Success Mantras

Dr. P. Devarajan

(Director, Cosmic. Maths Foundation)

15.11.2024

9.30am to 01.00pm

Infinite Series Expansion for π &

Gantitha Yuktibhasha

Dr. Rajashekhar P Vaikom

(Former Chief Engineer

FEDO/FACT Udyogamandal,

Ernakulam)

2.00pm to 5.00pm

Geometry in Shulbasootram

Dr. Sindhurani P J

(HSST Mathematics

Holy Cross HSS, Cherpunkal)

16.11.2024

9.30am to 11.30pm

Bhootha Sankhya and Katapayadi System

Prof. V. P. N Nampoori

(International School of Photonics, Cochin,
University of Science and technology, Cochin)

11.45am to 1.00pm

Group Discussion

2.00pm to 5.00pm

Venuaroha-Madhava's magnum opus

Prof. V. P. N Nampoori

(International School of Photonics, Cochin,
University of Science and technology, Cochin)