



കേരളം കേരल KERALA

DM 835901



**Memorandum of Understanding
Between
Sree Sankara College, Kalady
And**

Institute for the Advancement of Vedic Mathematics, UK

This memorandum of understanding (MOU) executed for Certificate Programme on VEDIC MATHEMATICS on August 13, 2022 between Sree Sankara College, Kalady, Ernakulam District, Kerala, India represented by its Principal, Dr. Preethi Nair (hereinafter referred to as the party of the first part) which term shall mean and include its successors and Institute for the Advancement of Vedic Mathematics (IAVM), UK, represented by the chairman Mr. James Glover (hereinafter referred to as the party of the second part) which term shall mean and include its successors

13/08/22

Preethi

Principal

SREE SANKARA COLLEGE
KALADY

NO/21100 2100
12/8/2022

K. SUBRAMANIAN
STAMP VENDOR
ANGAMALY - 683 572



The first party is a **NAAC** accredited College offering undergraduate and postgraduate programmes in various disciplines, with a few departments offering research programmes too.

The second party is is a CIO (Charitable Incorporated Organization) registered in the United Kingdom, No. 1169197

1. OBJECTIVE OF THE MOU

Vedic approach to Mathematics enables enjoyment for all, develops a high degree of skill and leads to an understanding of the profundity of the subject Mathematics. The course support offered by **IAVM** is assigned to cover the various topics Vedic Mathematics.

2. PROPOSED MODES OF COLLABORATION

Both the parties shall collaborate for the effective conduct of the course as per the mode described below

The first party agrees to

- 1 Provide students for the program.
- 2 Finalize the date and time of the classes on mutual discussion. The schedule can be changed on mutual agreement, if needed.
- 3 Facilitate the evaluation, student presentation, online tests.
- 4 The students will pay the required fees for the certificate/add on programme to the second party.

The second party agrees to

1. Provide faculty for Vedic mathematics classes on the basis of the mutually accepted curriculum
- 2 The curriculum is spread for between 30 hours /60 hours.
3. The classes on Vedic mathematics will be conducted online during Saturdays by mutual consultation.
4. Each class will be of 2 hours duration.
- 5 As a part of the evaluation, online presentation, online tests and projects should be conducted by the second party.
- 6 Issue programme certificate to the students based on evaluation.

1) TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire in 1 (one) year after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 90 days prior written notice to the other party

2) COORDINATORSs



13/8/22



Both parties will designate persons who will have responsibility for co-ordination and implementation of this agreement

3) SIGNED IN WITNESS OF;

Both the parties have set their signature on this document under their office seal, in witness where of the parties here is affix their signature to this MOU on the day, month and year here in above first mentioned

First party
Principal
Sree Sankara College
Kalady
Dr. Preethi Nair
Date: 13/08/2022



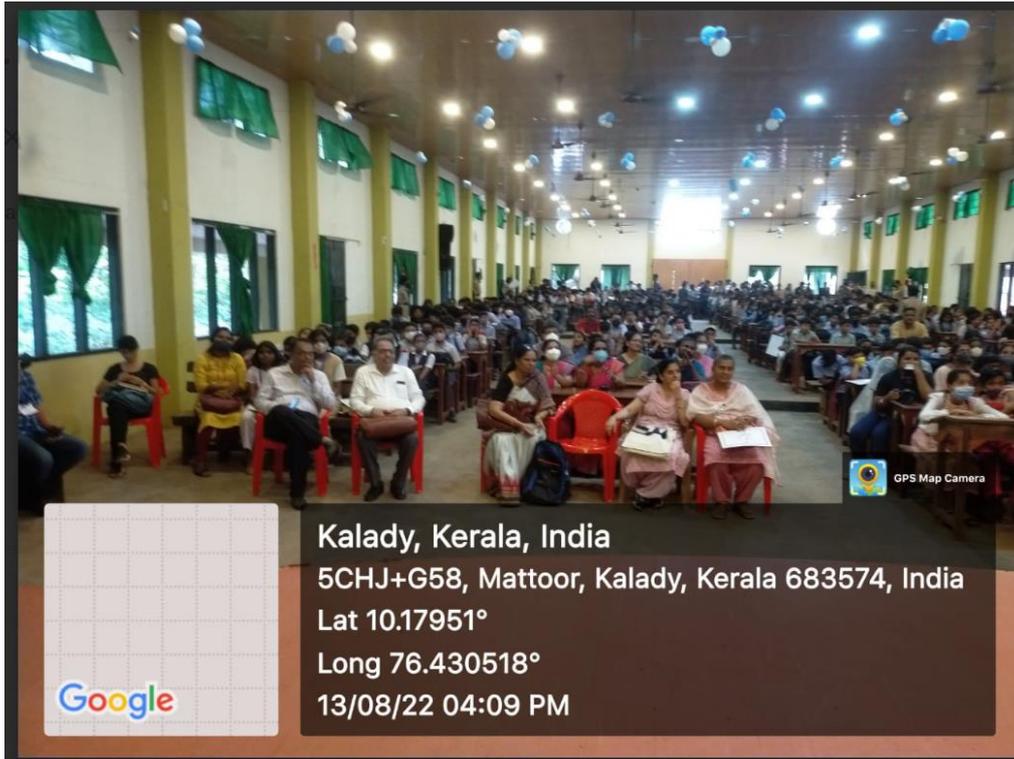
Second party
Chairman
The Institute for the Advancement of
Vedic Mathematics, UK

Date: 13/8/2022

Activities under MoU with IAVM

1. 5th International Vedic mathematics Conference was held at Sree Sankara College, Kalady, Kerala, from 11th - 13th August 2022. The event was sponsored by the Education Renaissance Trust, UK, which supports schools and teachers who put spiritual values at the heart of education.





2. Facilitated Add-On course on Vedic Mathematics to BSc Mathematics and BSc Statistics Students – 2022-23



SREE SANKARA COLLEGE, KALADY

Reaccredited by NAAC with B++ Grade
Affiliated to Mahatma Gandhi University, Kottayam

ADD ON COURSE IN

VEDIC MATHEMATICS

Offered by

**DEPT OF MATHEMATICS
AND
COSMIC MATHS FOUNDATION**

Benefits of Vedic Maths

- ← Faster mathematical calculations
- ← Enhances Learning Determination
- ← Increases Concentration Power
- ← Intelligent problem solving
- ← Development of Mental Skills



For more details, please contact

Ms. Essy C Cherian
Course Coordinator
Mob: +91 94467 42015
Email ID: sklecc@hotmail.com

Course Fee - 1000/-
Duration - 30 hours

SYLLABUS (COURSE CODE - SSCADP12)

Part 1: Vedic Arithmetic:

1. History of Indian Mathematics

Contributions of following three mathematicians
Aryabhat (fifth century), Brahmagupta, Mahaviracharya
Bhaskaracharya, Madhava, Neelakanda Somayajee, Jyestadeya

Introduction to Vedic Mathematics by Bharati Krishna Thirthaji

2. Addition and Subtraction

1. Addition using *parama mithram*

1. Subtraction using Nikhilam sutra

2. Subtraction general methods

3. Combined addition and subtraction using Vinculum

3. Multiplication:

(i) Urdhwatiryakabhyam-Vertically and cross wise- method

(ii) Nikhilam method, use of Vinculum

(iii) Anurupyena methods

(iv) Special cases- Ekadhenika Purvena, Series of 9, 1 etc

4. Division (up to three digits)

(i) Nikhilam method

(ii) Paravarta yojayet method

(iii) Dwajank -Flag digit method

5. Divisibility

(i) Osculation method

(ii) Duplex method

6. Powers up to three digits

(i) Squares and square roots

(ii) Cubes and cube roots

Part 2: Vedic Algebra:

1. Multiplication (Two variables only)

(i) Urdhwatiryakabhyam method

(ii) Gunit Samucchaya

2. Division (one variable, up to third degree)

(i) Paravarta Yojayet method

(ii) checking by Beejank method

(iii) GCD and LCM

3. Factorisation

(i) Anurupyen method

(ii) Solving the equations

We not only Teach Vedic Math Tricks
but
train the mind of the child to implement those tricks

VEDIC MATH

Learn to solve big
calculation in fractions
of seconds

Multiply 99×97

$$\begin{array}{r} 99 \\ \times 97 \\ \hline \end{array} \begin{array}{l} -100 \\ -100 \\ \hline \end{array} \begin{array}{l} = -01 \\ = -03 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 97 \\ \hline 96 \quad 03 \end{array}$$



Vedic Math combined with Mind
Development Activities makes
the child Smart

MIND BOOSTING ACTIVITIES

☐ Develop Mind to
implement Vedic
Math tricks

☐ Develop Confidence
to solve unknown
problems

☐ Increase
memorisation &
logical / analytical
thinking

Programme Schedule

Prayer : Sudev Nair

Welcome Speech : Essy C Cherian
Head of the Department

**Presidential Address
and Inaugural Speech** : Prof V.P.N. Nampoori

Lighting the lamp : Prof. V.P.N. Nampoori

Felicitation : P. Devaraj
Cosmic Maths Foundation

Vote of thanks : Ms. Vishma A.R.

All are welcome . . .



Sree Sankara College, Kalady

DEPARTMENT OF MATHEMATICS

Inauguration of add on course in Mathematics

VEDIC MATHEMATICS

Inauguration by



PROF. V.P.N. NAMPOORI

EMERITUS PROFESSOR
CUSAT

05 Nov 2022 | 9.30 am

Venue : T 17

Course Coordinator - Ms. Essy C Cherian