



BNV COLLEGE OF TEACHER EDUCATION



**BNV COLLEGE OF TEACHER
EDUCATION, THIRUVALLAM
&
Internal Quality Assurance Cell
presents
Webinar series on
*Indian Knowledge System***

Episode 7

***Vedic Mathematics in Education:
Insights from Indian Knowledge
System***



**Resource person
Dr. Vidhya.R.R.
Lecturer in Mathematics
DIET, Kollam**

 **08/02/2026
7.00pm - 8.00 pm** 

General Convenor Dr. Lakshmi S. Principal BNVCTE	Staff Coordinator Dr. Roshna V Gopal Asstant Professor BNVCTE.	Student Coordinator Miss. Lekshmi S. First year BEd student
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Webinar Series – Indian Knowledge System

Episode 7: Vedic Mathematics in Education – Insights from Indian Knowledge System

The webinar titled “**Vedic Mathematics in Education: Insights from Indian Knowledge System**” was conducted on **08 February 2026** from 7:00 pm to 8:00 pm as part of the Webinar Series on Indian Knowledge System (Episode 7) organised by BNV College of Teacher Education, Thiruvallam, Thiruvananthapuram, in collaboration with the Internal Quality Assurance Cell (IQAC). The programme was convened by Dr. Lakshmi S., Principal, BNVCTE, with Dr. Roshna V. Gopal, Assistant Professor, BNVCTE, serving as the Staff Coordinator and Miss. Lekshmi S., First Year B.Ed Student, as the Student Coordinator.

The session began with a formal welcome address by Dr. Roshna V. Gopal, She introduced the theme of the webinar and warmly welcomed the resource person, faculty members, and student participants.

The resource person for the session was **Dr. Vidhya R. R., Lecturer in Mathematics, DIET, Kollam**, who delivered an insightful and thought-provoking talk on the role of Vedic Mathematics within the broader framework of the Indian Knowledge System, The resource person began the session by stating that “**Mathematics is the queen of all sciences.**” She explained that mathematics is present everywhere—whether in poetry, art, drawing, or any form of creative expression—and that there is no movement or activity in life without mathematics. She emphasized that a basic understanding of mathematics is essential for leading life confidently; otherwise, individuals may easily

be misled. She also highlighted the correlation of mathematics with various subjects, showing its interdisciplinary nature.

She pointed out that B.Ed trainees should be familiar with simple mathematical tricks so that they can effectively convey concepts to students. Emphasis was given to teaching basic mathematical rules, especially **BODMAS**, to help students perform calculations easily and accurately. According to her, learning mathematics helps in building discipline of the mind and enhances reasoning and logical thinking abilities among students.

The resource person then introduced Vedic education and the Gurukula system, explaining the importance of the traditional guru–disciple relationship. In ancient times, students patiently waited to receive knowledge from the guru, and through this process, patience, discipline, and respect for learning were developed. She stated that the philosophy of mathematics was well understood in the old education system, where basic mathematics was taught according to the age and level of students.

In contrast, she explained that in the present education system, the difficulty level of mathematics has increased significantly, often without considering students' age or learning capacity. The syllabus has become highly sophisticated and tricky, making it difficult for students to grasp concepts easily. Hence, she emphasized that B.Ed trainees must learn

Vedic Mathematics to simplify teaching and make learning more meaningful.

Highlighting the importance of the teacher, she quoted a traditional saying:

“Even unknowingly disrespecting a guru is considered an unforgivable sin.”

Through this quote, she emphasized the supreme role and significance of the teacher in a student’s life.

She further observed that in earlier times, education took place in the teacher’s home and was value-oriented, whereas today it has largely transformed into a commercial system. She expressed concern that both teachers and students often lack clear purpose and direction in the modern system. She also noted that many children today lack respect for teachers, and emphasized that parents play a crucial role in teaching children how to behave respectfully towards others and how to honor teachers. She stressed that learning through experience is the most effective form of education, as lessons learned through experience are never forgotten.

She also stated that these valuable principles from the past should still be adopted in modern education. The resource person further explained that the aim of education is not merely to expect outcomes, but to shape students through meaningful learning. She pointed out the true purpose

of a teacher's life is to provide students with quality education. Through this process, an emotional attachment between the teacher and students is developed, which helps learners attain emotional control and maturity. She also conveyed the belief that good deeds performed in this life bring positive outcomes in future life, thereby instilling moral responsibility among students.

She emphasized that Vedic Mathematics gives importance to holistic development, where students lived and learned together under the guidance of a teacher. Such a collective learning environment helped students develop emotional balance, self-control, and strong character traits. In the traditional system, education was imparted freely and with justice, where teachers taught students with the same care and affection as their own children, and education was never treated as a commercial activity.

Mutual respect between teacher and student was a core value of the old education system. The resource person highlighted that religious orientation was also given importance, through which students were taught the value and significance of spirituality and ethical living. She stressed that the curriculum should promote social interaction and mental well-being, creating a joyful learning environment.

She emphasized that in the present education system, art and physical education are often neglected, whereas in earlier times, great importance was given to physical training and artistic activities to ensure good health and overall well-being. Education, she stated, was designed to strengthen both the body and the mind.

The resource person also spoke about the Four Vedas, giving special importance to the **Atharvaveda**, which provides knowledge related to life skills and practical living. She explained that life skills need not be taught only through formal orientation programmes; instead, they can be developed at home itself by engaging children in household activities such as helping elders, planting trees, watering plants, and participating in daily responsibilities.

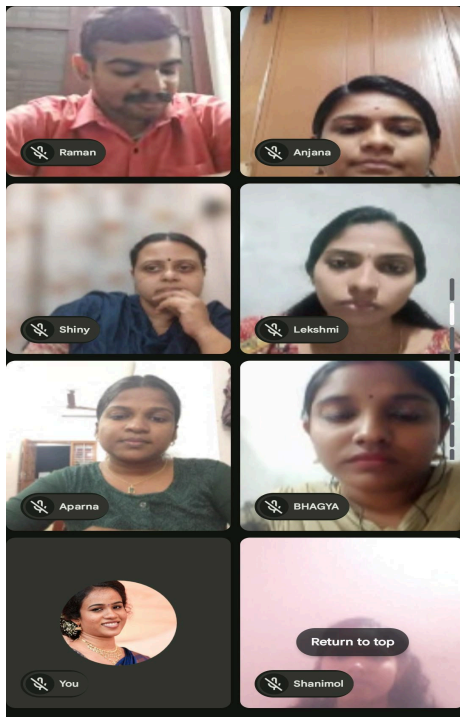
She advised parents and teachers to avoid over-pampering children, as responsibility and independence are developed through experience. Regarding teaching methods, she emphasized the importance of memorisation, stating that although open-book examinations are being introduced, a strong memory base remains essential for meaningful learning.

Finally, she highlighted the relevance of Vedic education in the present era, stressing the need for individuals to distinguish between right and wrong. She also emphasized the responsibility of humans to respect and

preserve all living beings and natural resources, so that they can be protected and passed on to future generations.

The session was interactive, and participants actively engaged in discussions by raising questions related to curriculum integration, teaching strategies, and application of Vedic Mathematics. The resource person patiently addressed all queries and encouraged future teachers to adopt innovative and value-based approaches in mathematics education.

The programme came to an end with a vote of thanks delivered by Miss. Lekshmi B. S., who expressed heartfelt gratitude to the resource person, organizers, coordinators, faculty members, and all participants for making the webinar a grand success.



VEDIC EDUCATION
INTRODUCTION

VISHNU is presenting

BHAGYA WILLY BROD joined

71 others

GURUKULA SYSTEM

- Students lived with the teacher (Guru).
- Education took place in forests or ashrams.
- Simple living and high thinking were followed.
- Students performed daily chores and services.
- Close and respectful teacher-student relationship.

AIMS OF VEDIC

VISHNU is presenting

You Kannan VISHNU

85 others

Physical Education

FOUR VEDAS

- Rigveda - Hymns
- Yajurveda - Rituals
- Samaveda - Music
- Atharvaveda - Daily life & healing

METHODS OF TEACHING

VISHNU is presenting

You Kannan Dr. Roahna

83 others

9:05:10

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Kannan Suni Sreekutty Haritha B VISHNU Valsala

You Dr.Lakshmi

62 others

7:22:21

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Shiny

Sreelekshmi

SHAHANAMOL D

vineetha

Lekshmi

Abhirami

You

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Saandra

VISHNU is presenting

84 others

Dr. Roshna

Women's education

CURRICULUM OF VEDIC EDUCATION

- Vedas
- Upanishads
- Vedangas
- Arts & Crafts
- Medicine, Astronomy, Maths
- Physical Education

FOUR VEDAS

7:35:01

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Kannan

VISHNU

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Rekha

Haritha B

Dr.Lakshmi

Suni

You

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Vandana

7:22:21

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Kannan

Aleema

Anjana

Haritha B

Lekshmi

Sam V.

You

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Dr.Lakshmi

54 others

7:35:01

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Kannan

VISHNU

R

H

Rekha

Haritha B

Dr.Lakshmi

Suni

You

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Vandana