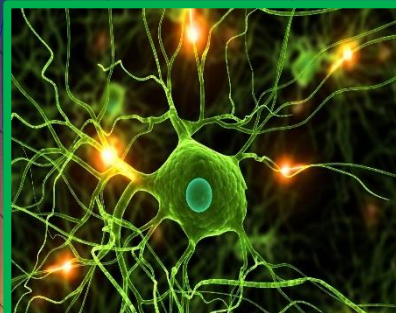


The mentors *Digest*



JUNE 2023

ISSUE NO. 01



Use Energy wisely for a Sustainable world.....



The mentors Digest

Tribute to our Founder

The mentors mourns the Sad Demise Of our founder Padmashri Dr Vellayani Arjunan. Renowned scholar Dr Vellayani Arjunan (90) passed away on 31-May-23 (Wednesday) due to age-related ailments.

Vellayani Arjunan was born on 10 February 1933 to G. Shankara Panicker, an agriculturalist and Narayani, a housewife, at Vellayani in the erstwhile Kingdom of Travancore. After receiving a Master of Arts degree in Malayalam, he went on to teach Malayalam Language and Literature at Sree Narayana College in Kollam. He later became the first Malayalam lecturer in Aligarh Muslim University, from which he gained his PhD degree in 1964. After leaving Aligarh Muslim University, he was appointed director of the State Institute of Encyclopaedic Publications in Kerala

He was honoured with the Padma Shri award by the nation in 2008. Dr Arjun, who was the first Professor of Malayalam at the Aligarh University and head of the Department of Modern Indian Languages. He supervised 20 research scholars and published more than 100 research papers and articles. He had authored 40 books in different genres including poetry, short story, essays and literary criticism, and his books were prescribed as textbooks in Kerala schools from 1959 onwards.



Degree	Topic	Awarding Institution
D.Litt.	Influence of Sree Narayana Guru on Malayalam Poetry.	Aligarh Muslim University
D.Litt.	A Comparative Study of the Mutual Relations and Uniformity of Hindi and Malayalam Languages.	Agra University
D.Litt.	The influence of Hindi Vocabularies on the South Indian Languages: A Linguistic study.	Jabalpur University
Ph.D.	A Comparative Linguistic Study of Common Vocables of Hindi and Malayalam Languages.	Aligarh Muslim University

Other degrees

Degree	Subject
B.A. Hons	Malayalam Language and Literature
M.A.	Malayalam Language and Literature
M.A.	Hindi Language and Literature
M.A.	Hindi Special
P.G. Diploma	Tamil, Telugu, Kannada





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From the Editor's Desk.....

Dear Students & future leaders,

Schooling is our first contact with the world of knowledge. It is not the open spaces, class rooms, the library, laboratories or the grounds that make the school. It is in the heart of the students and staff that the true institution exists. This is the concept we would like to promote and demonstrate across the world. Now there is no barriers for knowledge sharing.

Learning is not a process limited to schools and colleges only, nor does it end with the conclusion of one's school career. It is indeed a lifelong process. The mentors digest is a digital magazine to promote knowledge sharing and enrich the knowledge aspiring students.

Our mentors are always at your service to ensure continuous education program irrespective of your age. It is our pleasure to release the first issue of "The mentors digest" to promote "knowledge is wisdom"

What is special about the month of June ?

5th June 2023- World Environmental Day

The theme for World Environment Day on 5 June 2023 will focus on solutions to plastic pollution under the campaign **#Beat Plastic Pollution**. The world is being inundated by plastic. More than 400 million tons of plastic is produced every year, half of which is designed to be used only once. Of that, less than 10 per cent is recycled. An estimated 19-23 million tons end up in lakes, rivers and seas. Today, plastic clogs our landfills, leaches into the ocean and is combusted into toxic smoke, making it one of the gravest threats to the planet. Not only that, what is less known is that microplastics find their way into the food we eat, the water we drink and even the air we breathe. Many plastic products contain hazardous additives, which may pose a threat to our health. Hence we have to explore a permanent solution !





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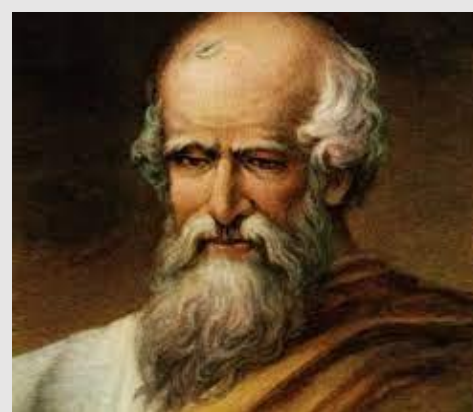
Mathematics

GREAT MATHEMATICIAN : ARCHIMEDES

A Greek mathematician Archimedes is known as the Father of Mathematics. He is considered the Father of Mathematics for his significant contribution to the development of mathematics.

Notable inventions of Archimedes are:

- The calculation of measurement of a circle
- The method of exhaustion to measure the areas of the shapes.
- The relationship between spheres and cylinders
- Uses of prime numbers
- The topic of infinity



VEDIC MATH TRICK OF THE MONTH

Squaring Of a Number Whose Unit Digit Is 5. One of the Vedic maths tricks that answer how to calculate fast is squaring of a number whose unit digit is 5. You can quickly compute the square of a two-digit number that ends with 5. Irrespective of the syllabus you are studying (be it CBSE or ICSE), you will certainly come across such sums.

For instance, to calculate $(45)^2 = ?$

Step 1. Multiply $45 \times 45 = \dots 25$ (end terms)

Step 2. Take $4 \times (4+1) = 20$

So, the answer is 2025.

Now that you have understood the process, try to find the square of 55 & 75.

FUN FACTS

- In a room of just 23 people, there's a 50% chance that two people have the same birthday.
- There are 43,252,003,274,489,856,000 ways to scramble a Rubik's Cube.



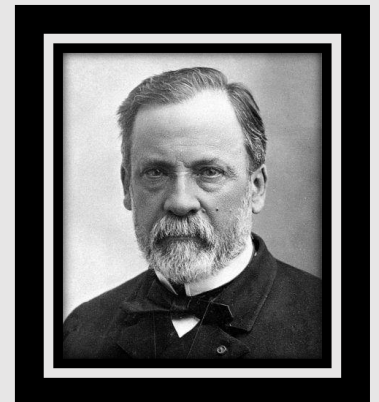
The mentors Digest

Science & Technology

Science holds the key to unlocking the mysteries of our universe and improving our lives in countless ways. From unraveling the complexities of the human brain to exploring the depths of space, from understanding the intricacies of our natural environment to developing groundbreaking technologies, science encompasses a wide range of disciplines that shape our understanding of the world around us.

SCIENTIST YOU SHOULD KNOW ABOUT : LOUIS PASTEUR

Louis Pasteur was a brilliant French scientist who made ground-breaking contributions to the field of microbiology and medicine. Born in 1822, Pasteur's experiments and discoveries revolutionized our understanding of microorganisms and their role in causing diseases. He developed the process of pasteurization, which involves heating liquids to kill harmful bacteria, thus ensuring safer food and beverages. Pasteur also created vaccines for diseases like rabies and anthrax, pioneering the field of immunization. His work laid the foundation for the germ theory of disease, forever changing the landscape of medicine and saving countless lives. Pasteur's legacy as a visionary scientist continues to inspire and impact the world of science today



FUN SCIENCE FACTS

- The human brain is 78% water.
- It takes a photon up to 40,000 years to travel from the core of the sun to its surface, but only 8 minutes to travel the rest of the way to Earth.

WHAT IS THE METAVERSE ?

The metaverse is a vision of what many in the computer industry believe is the next iteration of the internet: a single, shared, immersive, persistent, 3D virtual space where humans experience life in ways they could not in the physical world

When meta and business worlds merge

Without the benefit of a souped-up DeLorean and flux capacitor, we explore the roads that lie ahead for the metaverse and how this anticipated virtual reality extravaganza will reshape business models.

- The metaverse will be big, but just how big?
- There will be multiple metaverses.
- The metaverse will transform all business processes.
- New security and privacy issues will emerge.
- The metaverse will expand beyond virtual showrooms.
- Digital twins will mirror the entire enterprise.
- Customer service and sales roles will transform and automate.
- Digital-first will evolve into meta-first.
- Enterprises will bake reality into the metaverse.
- Gamification will galvanize calm technologies.
- Robotics innovations will accelerate.



The mentors... time to change the way



The mentors Digest

ABOUT US

Affordable Quality education

By understanding the need of aspiring students, India's renowned Academic experts in the field of school education- Mr. Jayasankar Prasad (Son of Late Padmasree Dr Vellayani Arjunan and former Director Vivekananda group of schools) and Ms. Chitra Jayasankar (Educational advisor, Tagore Educational trust) are there to bridge the gap of ensuring quality education for the students. We have formulated an online platform for providing significantly exceeding educational experience through online tuitions (classes 8-12), IAS bridge programs and finishing school for fresh engineers and other professionals. We will ensure excellent learning experience to students and 100% satisfaction level to parents.

Interested parents who are willing to associate with this concept are requested to contact

Please write us :



+918129094256

ONLINE TUTORING SESSIONS

MATHS
SCIENCE (Phy,Chem,Bio)
SOCIAL SCIENCE
HINDI
FRENCH
ENGLISH
COMPUTER SCIENCE
ECONOMICS
ACCOUNTANCY
ARTIFICIAL INTELLIGENCE
INFORMATICS PRACTICES
PSYCHOLOGY

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Grade 8 to Grade 12

OUR SPECIALITIES

- ✓ Subject dealt by experienced teachers
- ✓ Supervision by expert academicians.
- ✓ Concept learning and exam oriented enrichment
- ✓ Special doubt clearing sessions
- ✓ Regular revisions and test papers
- ✓ Monthly performance appraisal
- ✓ Skill evaluation and Career guidance

Disclaimer: The news published is directly picked up from the website and newspapers. The views expressed need not be those of The mentors