

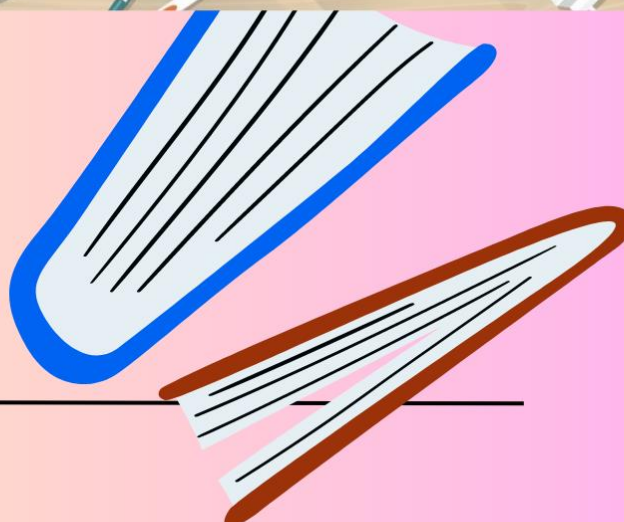


# ST.JUSTIN'S COLLEGE OF EDUCATION MADURAI



E-MAGAZINE

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## EDITORIAL

REV. DR. A. MARY DELPHINE CIC

*PRINCIPAL*

Education is a human right, a powerful driver of development, and one of the strongest instruments for reducing poverty and improving health, gender equality, peace, and stability. It delivers large, consistent returns in terms of income, and is the most important factor to ensure equity and inclusion.

For individuals, education promotes employment, earnings, health, and poverty reduction. For societies, it drives long-term economic growth, spurs innovation, strengthens institutions, and fosters social cohesion.

Developing countries have made tremendous progress in getting children into the classroom and more children worldwide are now in school. But learning is not guaranteed, as the 2018 World Development Report (WDR) stressed.

COVID-19 has wreaked havoc on the lives of young children, students, and youth. The disruption of societies and economies caused by the pandemic has aggravated the already existing global education crisis and impacting education in unprecedented ways. Among its many dramatic disruptions, the pandemic has led to the worst crisis in the education of the last century. Globally, between February 2020 and February 2022,

Children and youth in most countries suffered major learning losses during the pandemic. Rigorous empirical evidence from various countries, including low-, middle and high-income contexts across regions, reveals very steep losses. School closures and ineffective remote learning caused students to miss out on learning and to also forget what they had learned: on average, for every 30 days of school closures, students lost about 32 days of learning.

COVID-19 created an inequality catastrophe. Almost all countries provided some form of remote education during school closures, but there was high inequality in access and uptake between and within countries. Children from disadvantaged households were less likely to benefit from remote learning than their peers, often due to a lack of electricity, connectivity, devices, and caregiver support. Girls, students with disabilities, and the youngest children also faced significant barriers to engaging in remote learning. Overall, at least a third of the world's schoolchildren – 463 million globally – were unable to access remote learning during school closures.

Back to normal poses great challenges to bring back everything to normal, even the life and hope of students. St. Justin's College has taken up the challenge through the training of women student teachers to reach to the unreached and make up for the losses and give hope to the future citizens thus accomplishing its mission.

## **INTERNATIONAL YEAR OF MILLETS 2023**

India is country rich in its natural resources. These natural gifts include our food products too. Traditional food of Indians has been rich in nutrition and life sustaining. For centuries, millets were the staples in India but gradually were relegated to the background and got marginalized post green revolution [GR] as the emphasis shifted to increased food grain production & productivity using high yielding varieties of wheat & rice in the identified GR geographies.

Millets are small-grained, annual, warm-weather cereals belonging to the grass family. Jowar (Sorghum), Bajra (Pearl Millet) and Ragi (Finger millet) are the important millets cultivated in India. Small Millets such as Proso (Cheena), Kodo (Kodra, Arikelu), Fox tail (Kangni/Korra), Barnyard (Varai, Sawa), Little millet (Kutki) are also grown in our country. Millets are the staple crops of the semiarid tropics, as other food crops cannot be cultivated in that terrain due to low rainfall and poor soil fertility. They also have higher nutrient content compared to major cereal crops and ensure food and nutrition security. Further, millets are tolerant to drought and other extreme weather conditions and hence are endemic to such geographies.

With growing concerns of life style diseases coupled with ‘refined’ diet culture, the modern consumers are slowly, but increasingly looking at the nutrient rich millets as a suitable alternative to wheat and rice. With the COVID -19, momentum picked up and both the urban and rural consumers are choosing millets for improving their nutrition & strengthening their immunity.

In order to encourage production and consumption of millets, Government of India notified millets as Nutri-Cereals in April, 2018, which includes Sorghum (Jowar), Pearl Millet (Bajra), Finger Millet (Ragi/Mandua) & Minor Millets namely; Foxtail Millet (Kangani/Kakun), Proso Millet (Cheena), Kodo Millet (Kodo), Barnyard Millet (Sawa/Sanwa/ Jhangora), Little Millet (Kutki) and two Pseudo -millets viz Buckwheat (Kuttu) and Amaranthus (Chaulai).

To create domestic and global demand and to provide nutritional food to the people, Government of India had proposed to the United Nations for declaring 2023 as International Year of Millets (IYoM-2023).

The proposal of India was supported by 72 countries and United Nation's General Assembly (UNGA) declared 2023 as International Year of Millets on 5th March, 2021. This led to the Hon'ble Union Finance Minister making a Budget announcement on 1st February 2022: "2023 has been announced as the International Year of Millets. Support will be provided for post-harvest value addition, enhancing domestic consumption and branding of millet products nationally and internationally"

Satheesh, the Original Millets Man of India. The founder of Deccan Development Society not only popularised millets but also worked for agro-biodiversity, food sovereignty, women's empowerment, Dalit rights, social justice and local knowledge systems. As the world celebrates the International Year of Millets, we need join hands for 2023 to make it peoples' movement so that the Indian millets, recipes, value added products are accepted globally.

As teachers who have social concern and well wishers of our students and society need to be in the forefront to bring awareness to our families , friends and the society . Our every day choice of millets would definitely build a strong and healthy nation.

**DR.SR.A.MARY DELPHINE,CIC**

**PRINCIPAL**

# HOW TO WRITE A HISTORY ,DRAMATIC SCREENPLAY: DRAMA SCRIPT WRITING

Drama is a form of writing that originated in ancient Greece. While today's dramas have moved from Greek amphitheaters to Hollywood sound stages, the basic elements of writing a drama screenplay still remain the same.



## What Is a Drama Screenplay?

Drama marks the division between tragedy and comedy. A drama can take place anywhere with any characters in any time period; it's not the setting that makes a movie a drama, but the tone. Dramas are serious, full of conflict, and continually push the boundaries of the plot by raising the stakes. Depending on the sub-genre of the drama, the story can range from a forbidden romance to a murder investigation.

## What Is the Basic Structure of a Dramatic Screenplay?

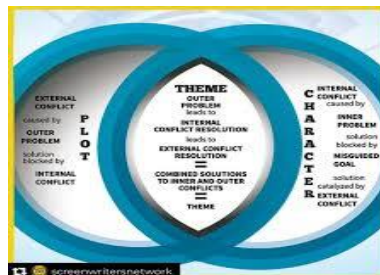
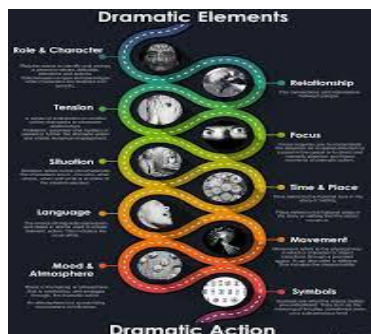


Drama movies follow a clearly defined narrative plot structure and contain literary elements—like characters, setting, and style—that help viewers analyze and interpret the story:

- **Exposition**: Set up and introduce everything through exposition, which lays out the background information of your story. Outline the main characters, setting, and time period. One way to get through exposition in your screenplay is to have at least one curious character act as a proxy for the audience: That character can ask questions that the audience might have, thus clarifying various plot points.
- **Rising action**: Introduce the story's main conflict with the rising action, which are a series of events in the story that create tension and build to the climax. For example, in Shakespeare's *Hamlet*, the rising action happens when Hamlet's father's ghost tells Hamlet that Claudius murdered him. Hamlet's intention becomes clear—to avenge his father's death—and the story begins.

- **Climax:** Build to the height of tension, and reach the turning point for the main character. Usually, the climax of a story takes place when the main character has to face the truth and make an important choice.
- **Falling action:** Show the result of what happens when the main character makes an important choice. The falling action is when loose ends are tied up, the tension dissipates, and the conflict gives way to resolution.
- **Conclusion:** Close the loop on the story. Show how the tension affected the characters and the world around them.

## Aristotle's 6 Elements of Drama



The laws of storytelling were first outlined by the Greek philosopher Aristotle in his *Poetics* (c. 335 B.C.), the earliest surviving philosophical treatise on dramatic structure. Storytelling evolved with technological advances and the introduction of motion pictures, but Aristotle's laws of storytelling and six main dramatic elements are still relevant:

1. **Plot:** the storyline, and what happens during the film.

### What Is a Story Plot?

The plot is what happens in a story. However, a plot is not a simple sequence of events.

A strong plot is centered on one moment—an interruption of a pattern, a turning point, or an action—that raises a dramatic question, which must be answered throughout the course of the story. This is also known as plot A.

Every element of the plot—each scene, each line—exists in service of answering that question. There are myriad plot devices that can bolster the main story; these are considered subplots.

2. **Theme:** the overall meaning of the film.

### What Is a Theme in Movies?

A theme is the film's central, unifying concept. A theme evokes a universal human experience and can be stated in one word or short phrase (for example, "love," "death," or "coming of age"). The theme may never be stated explicitly, but it is

exemplified by the film's plot, dialogue, cinematography, and music (like the telling Batman theme song).

3. **Characters:** the players who move the plot forward.

### **What Is an Archetype?**

An archetype is an emotion, character type, or event that is notably recurrent across the human experience. In the arts, an archetype creates an immediate sense of familiarity, allowing an audience member to relate to an event or character without having to necessarily ponder why they relate. Thanks to our instincts and life experiences, we're able to recognize archetypes without any need for explanation.

4. **Dialogue:** the words the characters speak in the film.

### **What Is Dialogue?**

Dialogue is what characters in fiction say. It is how the characters express themselves verbally—usually in conversation with each other.

It might look like this:

“What do you want for dinner?” Jack asked his friend John.

“I don't know—you decide,” John replied.

5. **Song:** traditionally, the rhythm of the actors' voices as they deliver their lines.

6. **Spectacle:** the visual elements and technical elements of the film, including body language, facial expressions, sound effects, and special effects.

## **Modern Sub-Genres of Drama**

As you become more familiar with writing dramatic works, experiment with the various sub-genres to find your niche:

1. **Historical drama:** a dramatic period piece set at least 25 years in the past about a historical event or time period.

2. **Romantic drama:** a drama that focuses on a complex romance where there's something preventing two people from being together, like family tension or being married to someone else.

3. **Crime drama, legal drama, and procedural drama:** dramas about how crimes are solved.

4. **Medical drama:** a drama set in a hospital, clinic, or other medical environment.

5. **Sci-fi drama:** a drama enhanced with elements of science fiction, such as a futuristic setting or advanced technology.



6. **Docudrama**: a drama that features dramatic reenactments of real-life events

### **10 Tips for Writing Drama Screenplays**

Here are a few tips to help strengthen your scenes:

1. Lay out the theme to your entire movie right away in the first scene.
2. Every scene and series of events should move the plot forward.
3. Clearly show each character's intention and obstacles right away at the start of a scene.
4. The exposition should be clear in every scene, but it shouldn't impede the story.
5. The stakes should be high and clear in every scene.
6. Grab the audience as soon as you can. Try dropping them into the middle of a conversation between two characters—it forces them to pay attention and play catch-up.
7. If you're introducing a character in a scene for the first time, show the audience what that character wants.
8. If a character doesn't want anything, they're cluttering up your screenplay.
9. Not every scene needs to end dramatically, but you should feel satisfied with how it does end.
10. If you're struggling with what the next scene should be, try using it to answer a question posed in a previous scene.

Thought for History: **That's one small step for a man, a giant leap for mankind. Neil Armstrong.**

**DR.SR.S.MARTHAL**

**SECRETARY & ASSISTANT PROFESSOR IN HISTORY**

## **FAMILY**

The people who make us laugh

Whenever we cry

The people who make us try

Whenever we fall

We get support

We get pride

We get soul

We get mind

Feelings gained here

Feelings lost here

Our teacher for life time

It isn't chosen

Ultimately, we love

Each and every member

They hold us

When we are to surrender

Enormous quarrels

Enormous fights

But we still meet with a smile

Compromising, sacrificing

For the good of all

Being a family

No time to be selfish and alone

A family of mine

A family of all

Same feelings

Same teaching taught

**DR.C.MEENAKSHI**

**ASSOCIATE PROFESSOR IN EDUCATION**

## The Greatest Teachers in Indian History

### Dr. Sarvepalli Radhakrishnan



The second President and the first Vice President of Independent India, Dr. Sarvepalli Radhakrishnan was a **great teacher** and he is considered one of the **best teachers in Indian history**. Teachers' Day in India is celebrated on his birthday. Radhakrishnan is counted among the best teachers of India. He was born on September 5 in 1888 in Tiruttani, Tamil Nadu, India. He completed his Masters in Philosophy at the age of 21.

He gave importance to spiritual education and contributed significantly in understanding and sharing the most difficult concepts of philosophy. He imparted knowledge to students at Mysore Presidency College, University of Mysore and even worked as a Vice Chancellor of Andhra University. He represented the University of Calcutta at the International Congress in the UK and US and gave a lecture at Oxford on Comparative Religion. He was friendly with his students. He used to teach students both at school and at home. A great teacher like him is an inspiration to many teachers and the great teacher in the world even today. He died in 1975. Dr. Radhakrishnan believed that *"A true teacher is one who helps us think for ourselves"*.

#### Famous Quotes:

- "Books are the means by which we build bridges between cultures."
- "A life of joy and happiness is possible only on the basis of knowledge and science."
- "We must recall humanity to those moral roots from which both order and freedom spring."

### Savitribai Phule



**Savitribai Phule is known as India's first female teacher.** She deserves to be mentioned as one of the best teachers in Indian history. She revolutionized India and together with her husband, opened a school in 1848 where she enrolled untouchable girls of society. Many people opposed this, but she did not panic and continued to teach in school. Later she opened five more similar schools. Her journey as a teacher was not easy as she was often humiliated by the upper caste. Her effort was appreciated by the British Government. She raised her strong opinion against the atrocities committed on women especially on the women of lower caste. Her contribution as a **great teacher** is realized as the University of Pune is named after Savitribai Phule Pune University.

#### Famous Quotes



- “The lack of learning is nothing but gross bestiality. It is through the acquisition of knowledge that (he) loses his lower status and achieves the higher one.”
- “We shall overcome and success will be ours in the future. The future belongs to us.”
- “Sit idle no more. Go get education.”

## Chanakya

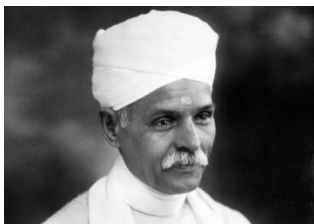


While mentioning the **best teachers in Indian history** and forgetting to mention Chanakya make the **list of famous teachers** incomplete. Chanakya was also known as **Kautilya and Vishnugupta** from the 4th century. He was a great philosopher and jurist at that time. He is one of the great teachers of India. Also, King Chandragupta Maurya made him his royal advisor. The impact of his two books namely Nitishastra (also called Chanakya Niti) and Arthashastra can be felt even today. Both the books reflect his wisdom as it mentions a lot of experiential realities from his time. His book Chanakya Niti also consists of a number of thought-provoking sutras which are important in life.

### Famous Quotes

- “No one can defeat a powerful mind.”
- “Education is the best friend. An educated person is respected everywhere. Education beats the beauty and the youth.”
- “Never settle for anything less than what you deserve. It’s not pride, it’s selfrespect.”

## Madan Mohan Malviya

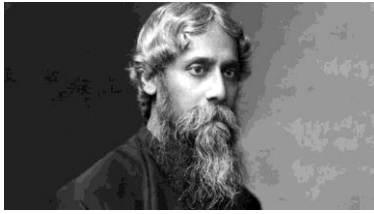


**Madan Mohan Malaviya was born in 1861 in Varanasi.** He was an educationist and an independent activist in Indian history. **He founded the largest residential university in Asia**, the Banaras Hindu University, and was also its chancellor for nearly two decades. The university trained around 35,000 students in various fields such as science, medicine, engineering, technology, law, agriculture, art and performing arts. The Indian educationist was a man popularizing the slogan “Satyamev Jayate” of India. He is known as the best educationist of India.

### Famous Quotes

- “If you admit internal purity of the human soul, you or your religion can never get impure or defiled in any way by touch or association with any man.”
- “Fearlessness is the only way to Freedom. Be fearless and fight for justice.”

## Rabindra Nath Tagore



The **writer of the national anthem ‘Jana Gana Mana’** believed that “The main objective of teaching is not to give explanations, but to knock on the doors of the mind”. **Rabindra Nath Tagore or Gurudev was born on May 7th 1861.** He is considered one of the best teachers in Indian history and is still remembered for his scholastic excellence. He was an eminent teacher, a writer, and the freedom fighters who fought against the British government. He supported activities to use for learning which will help students to develop both mental and physical faculties. His school at Shantiniketan, West Bengal emphasized teaching physical activities with basic education. They taught drama, climbing trees, plucking fruits and dancing at the school.

### Famous Quotes

- “It is very simple to be happy, but it is very difficult to be simple.”
- “The highest education is that which does not merely give us information but makes our life in harmony with all existence.”
- “The main object of teaching is not to give explanations, but to knock at the doors of the mind.”

## Swami Vivekananda



Swami Vivekananda was not only one of the great Indian reformers but he was known for his unparalleled intellect and one of the best teachers of India.. The founder of ‘Ramakrishna Mission’ was born in 1863. In the monastery founded by him, his followers and monks come together to teach about Practical Vedanta and spread awareness about it. He advocated the Gurukula system where students study and live together with teachers.

### Famous Quotes

- “Arise! Awake! Stop not until the goal is reached.”
- “Everything is easy when you are busy. But nothing is easy when you are lazy.”
- “Talk to yourself at least once in a day otherwise you may miss meeting an excellent person in this world.”

## Dr. A.P.J. Abdul Kalam



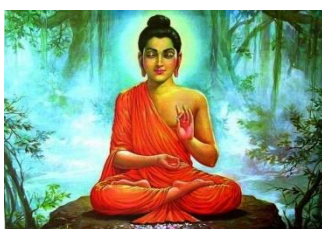
Although Dr. A.P.J. Abdul Kalam was well known as a scientist, he was also a scholar. He inspired millions of children to move forward in their lives. He was the 11th President of India. He was also known as a missile man for his contribution to India's nuclear and space engineering fields. Kalam was a great teacher and one of the famous teachers who understood the level of students and used to think and tell them like them. He loved spending time with children. He kept lecturing the children till his last time. He died of a heart attack while going to a lecture in IIM Shillong.

Indian millennials are very well aware of Dr APJ Abdul Kalam. He was **born on 15th October 1931** in India. He believed in practical educational thinking which is why he was famous as a visionary. Kalam stressed integrating conventional teaching methods into modern educational practices. He kept stressing that basic amenities like safe drinking water, playgrounds and toilets are the things every student deserves. He advocates availing education to both urban and rural areas in a balanced way.

### Famous Quotes

- “If you want to shine like a sun, first burn like a sun.”
- “All of us do not have equal talent. But, all of us have an equal opportunity to develop our talents.”
- “Don't take rest after your first victory because if you fail in second, more lips are waiting to say that your first victory was just luck.” One of his thought-provoking quotes is **“Some of the brightest minds in the country can be found on the last benches of the classroom”**.

### Gautam Buddha



Gautam Buddha was probably the first teacher in Indian history whom we still know. He was born in 480 BC as Siddhartha and was constantly in search of freedom and happiness. He was a king but he renounced his kingdom and luxurious life in want to salvation. He followed a strict penance under a Bodhi tree and later founded Buddhism. He then went on educating humanity through his Eightfold Path. His eightfold path advocated eight practices and these were: right view, right intention, right speech, right livelihood, right conduct, right mindfulness, right effort and right Samadhi. As per his belief, these practices will help people put an end to every kind of suffering.

### Famous Quotes

- “You only lose what you cling to.”
- “Win in your mind and you will win in your reality.”

- “You cannot always control what goes outside, but you can always control what goes inside.”

## **Swami Dayanand Saraswati**



The **Indian educationist and founder of Arya Samaj, Swami Dayanand Saraswati** was a leader of Hindu reform movements during the Vedic period. One of the best teachers of Indian history, he was a scholar of the Vedic lore and Sanskrit language. He took stands for women rights such as the right to education.

### **Famous Quotes**

- “Validation of culture of a child is itself validation of a child itself.”
- “Give the world the best you have and best will come back to you.”
- ” The highest form of service is to help a person who is incapable of thanking in return.”

### **Conclusion**

These proficient **teachers of Indian history** played an important role in the development of the education system and reformation. They lived exemplary lives and worked all their lives to uplift students. They were the inspiration for humans.

**DR.C.MEENAKSHI**

**ASSOCIATE PROFESSOR IN EDUCATION**



# IMPACT OF MULTIMEDIA IN LIBRARY SERVICES



## Introduction

Multimedia is now the new option in communication. Multimedia is the combination of text, graphics, sound, animation, and video elements delivered by a computer. The potential for multimedia to make worldly things understandable to children and adults alike is vast. Today's multimedia users come from different walks of life. Traditional libraries and information centres maintain conventional media like books, video ,films, audio tapes, gramophone records, microfilms, and microfiche, which store the information material. It was not possible for many readers to view different media at a time before the invention of multimedia technology, which stores vast amounts of data and information in electronic media and retrieves and presents it in more than one medium to satisfy.

## Types of multimedia

Multimedia has been categorized in many ways by professionals. From the user's point of view, multimedia can be classified into two types: Non-interactive or passive multimedia, interactive multimedia

## Components of multimedia

A multimedia system is any kind of computer-based system that uses text with one or more other media types. Multimedia services are composed of the following media:

**Text:** letter, number, punctuation, special characters, and controls, created with a text editor or word processor.

**Graphics:** lines, circles, boxes, shading, fill colours, created with the draw programme

**Images:** still pictures expressed as the colours of many small individual picture elements (pixels) either captured and digitized from nature or painted using a paint programme.

**Audio:** sound, including voice, music, and special effects, either captured from nature or synthesized.

**Video:** successively pictured, presented sufficiently fast and frequently to give the appearance of smooth motion, either captured

**Animation:** Including both computer-generated and live video, etc., it is widely used to prepare presentations.

### **Multimedia and Library**

Libraries are responding to the demands of modern society by expanding their activities to serve the new needs of a more varied clientele. Electronic data or computer processing is rapidly becoming more and more important in the modern library. With the computer, local, regional, or even national communication networks can be connected to instantly tap the widest possible knowledge reservoirs. The truly creative librarian is the one who realizes the vast potential of multimedia for increased services.

The following observation is made about the introduction of multimedia libraries:

- Users receive information when and where they need it in the library. An instructor does not have to be present. So users can select the time best suited to their personal schedules.
- Users can adjourn training at any point in the lesson and return to it later.
- The training is highly effective because it is based on the most powerful principles of individualized learning. The students found the programming interesting, so they stuck with it. The retention of the material learned is excellent.
- The same video disc equipment can be used to support a variety of training paths.
- Both the training and the testing are objectively and efficiently measured and tracked.

### **Encyclopaedia**

Crompton's interactive encyclopaedia, Britannica CD, Encyclopaedia Americana, Grolier multimedia book multimedia encyclopaedia, World book multimedia encyclopaedia, Microsoft Encarta

### **Dictionaries and directories**

Webster's English Dictionary, The Dictionary of the Living World, National Geographic's mammals, British birds, and Microsoft dinosaurs

**Yearbook:** The Guinness Book of Records

### **Reference books**

Earth Quest, World Climate Disc, Interactive Periodic Table

### **Electronic books**

Manual of medical therapeutics, The electronic whole-earth catalogue, Microsoft musical instruments, introduction to classical music, electronic journal

### **Newspapers and magazines**

The Times, Sunday Times, News Week

### **Conclusion**

Multimedia, no doubt, is a new information technology product and also a new thrust area for professionals to develop user-friendly multimedia systems. The computer is the primary tool used in the multimedia system. Multimedia has changed the way information is gathered, repackaged, and distributed to students and fellow professionals with its sound and visual capabilities. The technologists are trying to overcome the problems and are working progressively in different applications: Certainly, multimedia will occupy a prominent place in the library and information centre as modern tools in the 21st century.

**RETHI.M**  
**LIBRARIAN**



## DIGITAL DETOX

New digital media tools and technology can improve student learning, but the contrary is also possible. Students can better grasp how technology influences consumer behaviour and how marketers may use it by abstaining from technology and digital media. Students agreed to refrain from using any kind of digital media for 48 hours straight.

Where are you going to live if you don't take care of this, the most amazing machine you will ever be given?

You will experience worries since you have never travelled in this direction before when you take the first step towards your dreams. You'll see as you proceed that there was nothing to be afraid about. By facing your anxieties, you inspire others and give them faith that they, too, can follow their aspirations and succeed.

I wandered without a phone for one day.

examined what I possess and what belongs to me,

million realities previously, including the moon, flowers, sky, rain, and many others.

being aware of the real world outside of virtuality

smelling the rose, I became aware of the reality.

Although my phone enticed me to grab the harshness, I was smart enough to appreciate the tranquillity.

I looked into the influence of digital detoxification, ground sense of relief, happiness, and tranquillity.

We crave social media; is it something we could live without?

Have we lost ourselves in a screen's pixelation?

We capture snapshots of time every day. What have our lives evolved into?

We long for connection. however, lie on the couch.

Without thinking about those around us, we swipe, scroll, and click.

Sweep the dust off the board games that are stored on the shelf.



going camping without internet with pals

Ask a friend or acquaintance instead of using Google; we are becoming dependent on these rectangles of metal and energy and losing touch with reality.

**DR.D.VANI MAHESWARI**

**ASSOCIATE PROFESSOR IN EDUCATION**

## **Value-based Teaching and Learning**

Today, every parent wants to give the best education to their children, which is not just confined to the books but it goes much beyond that. Parents are looking at All round development for their children as that is essential in order to gain an edge in the current competitive global scenario.

We will not deny the fact that students in today's fast-paced world lack the touch of humanity. This cutthroat world makes us prioritize successes over goodness. This means at times you are compelled to take the wrong steps in order to reach your goal. This is a huge crisis where students lack moral values. Here is where value-based education proves out to be the solution.

### **What is Value-Based Education?**

Value-based education is a teaching framework in which values are taught both in the classroom through roll-plays and textbooks as well as outside through live examples. It is taught unconditionally by a teacher who wholeheartedly believes in nourishing her/his students with values that will help in the overall wellbeing of their students. Value-Based Education provides a successful environment for not only teaching but also learning the full range of academic, social and interpersonal skills. Teaching Value education benefits the school in various ways as mentioned below:

An important outcome for the school is having a more settled environment that enhances quality teaching and enables teachers to raise the bar for student's performance.

1. b. Students show an increased attentiveness in class and a greater capacity to work independently.
2. Students also assume more responsibility for their own learning by asking questions frequently and work together more cooperatively.
3. Additionally, Students put more effort in their schoolwork and take more pride in their efforts.
4. Students become more tolerant and cooperative in their interactions making the classrooms and playgrounds become safer and more harmonious.
5. Through value-based education, we can develop the children into people with strong character and values who know how to utilize their knowledge for the advantage of mankind.

### **How Value-Based Education Benefits Students?**

1. Students in the longer run can understand their work and their lives more deeply.

2. Value-based Education promotes effective learning and underpins continuous improvement of personal, social, moral and economic well-being. It is considered as a valuable investment in individual capability promoting self-responsibility for self and its product.
3. Explicit teaching of values provides a common ethical language while emphasizing interpersonal behavior. It also provides a mechanism for self-regulated behavior.

### **How Value-Based Education Helps In Attaining Future Life Goals?**

Value-based education is critical in developing an individual and assists him/her lifelong in many ways:

1. It gives a positive direction to the students to mold their future positively and even assists them to know the purpose of their life.
2. It teaches them socially acceptable behavior and ways to complete various daily tasks that can be beneficial to individuals as well as the people around them.
3. Value education also helps individuals to become more and more responsible and sensible.
4. It helps them to understand the perspective of life in a better way and lead a successful life as a responsible citizen.
5. It also helps them to evolve as an individual with strong relationships along with the family as well as with friends.
6. It develops a conducive character and helps you develop a mature personality as a person.
7. Value education develops a positive view of life in the student's mind making him a successful and giving back to life person.

Clearly, value-based education is essential for the holistic development of a child. Value education develops not only a well-balanced individual with a strong character and value but also makes them a socially acceptable individual. Nelson Mandela rightly said once: "Education is the most powerful weapon through which you can change the world". Here, he focused on both academic education as well as moral value education.

**SR. SASIKALA A**  
**ASST. PROF. IN EDUCATION**

## **IMPORTANCE OF READING AND WRITING SKILLS**

Francis Bacon, a famous 16th century English essayist says, “Reading maketh a fullman, conference a ready man and writing an exact man.” The well-known statement of the great essayist of the yester years still holds good in the global village, where communication is playing a prominent role. It is a fact that the four skills - Listening, Speaking, Reading and Writing (LSRW) – must be practiced to use any language reasonably well. English is a language that gained greater prominence for global communication in the wake of Liberalization, Privatization and Globalization. It is no longer just a library language but a language of opportunities.

A fairly high degree of proficiency in English and excellent communication skills enhance employability of our young professional graduates. Though all the four skills are needed to be focused on, only two skills, reading and writing, are stressed in the article as these are the areas neglected most denying the employment opportunities to our young graduates pursuing professional courses.

### **Reading**

Reading is to mind what listening is to ears. Today, we live in a knowledge world. We are expected to retain a great deal of written information quickly and attentively as our needs and purposes have become more diverse. The growing number of books and magazines show that we should read more than before. Besides, science and technology too have given us considerable leisure to enjoy reading. It is obvious that the academic success of students primarily depends on their good reading habits. Hence, the quality and quantity of reading have become an important part of the study skills to be imparted to our professional graduates. But most of these students do not have regular reading habits. A few students, who have the habit, read passively failing to comprehend whatever they read. This gradually makes them dislike their reading and make it a necessary evil. Hence, the students' should master reading skills which will enable them not only gain knowledge but also face the cutthroat competitive world confidently and survive successfully in their professions. The students are to be practically exposed to different types of reading like - Search Reading, Critical Reading and Exploratory Reading.

### **Writing**

We need to write in order to communicate in English in our social, educational and professional areas. It is the vital means of communication within an organization too. But, unfortunately, writing is the most ignored of the language skills. According to a survey, 30% of the work is accomplished through written communication. In an organization, it is not possible to conduct all transactions by speech alone. If there is a business project, one needs to send written proposals. Electronic mail has become a very popular means of communication in the globalised and highly privatized world today. This kind of communication is used to send business correspondence addressed to customers, clients, associates, business partners and employees within and the outside the organization.

Written communication has also become the deciding factor in one's career planning. The various exams like GRE, GMAT, TOEFL, etc., assess the verbal and written communication skills of the candidates. Very often, in fact, candidates who are good at Mathematics and analytical abilities believe that good communication skills are important for students for studies applying for higher education. Hence the skills of positive and tactful writing are prerequisite for achieving career and business goals.

**D.THILAGAVATHI**

**ASSISTANT PROFESSOR IN ENGLISH**



## **EXPECTATION IS THE ROOT CAUSE OF DISAPPOINTMENT**

Ever thought about an instance when you had expected a good outcome from a work you performed diligently, but rather got a negative one? It must have disappointed you to the core, so much that you started doubting your skills and confidence.

Some would say they had humongous expectations and hence they had a tough fall. Maybe, they are right. Maybe, not. The reason for our disappointment is not the outcome, but our expectations. In any given work, you have three possibilities; either you will meet your expectations at par or you will over-achieve or else you will underachieve. We find the latter one the toughest to handle. So how could one not get disappointed by an unfavorable outcome of the work?

It is simple. One just needs to focus on the means and the ways to achieve the desired outcome, rather than focusing on the outcome. It is absolutely fine to have a benchmark that guides you through your journey. But, what you have under control is not the fruit, but only the efforts.

When you are satisfied with the degree of effort you have put in, you will never lose your confidence or doubt your competence, no matter what the outcome is.

**S.MANIMEKALAI**

**ASSISTANT PROFESSOR IN TAMIL**

# **JERK TECHNOLOGY APPROACH**

## **Introduction**

Education has been considered one of the important components of change, modernization, and development all over the world. Thus, countries try to improve education by adopting and using the latest appropriate technologies according to their capabilities. This shows that people are not very satisfied with the type and quality of education. The situation is the same in India. Various committees were created with the hope of getting suggestions to improve education. The latest technology such as multimedia, internet, video conferencing, etc. is available up to the school level but not everywhere. It shows the need to think about the technology that improves education, is cost-effective, and is ubiquitous.

## **Jerk technology**

The jerk technique is a method teaching strategy that intentionally incorporates jerks into the handling of the material to get students engaged and receptive in the classroom.

## **Objectives of the Jerk Technique**

Teachers and trainers can employ the Jerk Technique to accomplish the following crucial goals:

- To encourage active learning in students.
- To make education enjoyable
- To foster a calm environment in the classroom.
- To assist students in becoming more attentive in class.
- To create a positive relationship between students and teachers.
- To live up the classroom and mix up the routine.
- To aid students in improving memory and learning more

## **Forms of Jerk technique**

### **Disproportionate Word Writing (DWW)**

The public has been commercials on billboards, in magazines, on television, etc. In writing, there has been a lot of change. The font size is out of proportion. It is done to get the attention of regular people. Teachers currently write on the blackboard primarily in a consistent manner. Students are neither motivated nor encouraged to focus on the writing on the chalkboard. By employing the method of disproportionate word writing, this problem can be turned around.

### **Small Writing (SW)**

Students seated on the last benches receive special attention from teachers who write on the chalkboard in large letters. Students don't seem to benefit from it because they see it casually and do nothing. Important words can be written so small that even kids seated on the front benches struggle to read them to make them more engaged. When a teacher writes on the board in this manner, almost all of the kids will immediately begin to inquire as to what was written there. The teacher shouldn't read when the pupils ask. It is important to encourage students to read at their own pace.

### **Double Negative Sentence (DNS)**

The teacher repeats key phrases throughout the lesson. Additionally, teachers will occasionally admonish their students by saying things such as "Please pay attention ". "Listen carefully" and "It is vital". Some students as a result pay attention, become active, and become alert. But the bulk of pupils continues to be passive or unfocused. Important statements can be conveyed using, double negative to grab the student's attention and help them understand the contents by focusing on it.

### **Pyramid Arrangement of Writing ( PAW)**

To grab the reader's interest, the various mass media, including books, movies, and television that are used to disseminate information can be found in a variety of writing styles. Why shouldn't teachers take into account the same in the teaching-learning-evaluation process when they use various writing styles that grab the public's attention in the business world? With this as a central idea, the researcher has included the Pyramid Arrangement of Writing in her classroom instruction. The students were instructed to read the words extremely carefully while utilizing Pyramid Arrangements of writing in the classroom.

### **Mixing other language Alphabet/Words (MOLA/W)**

Teachers undoubtedly assist students in achieving their academic goals. Jerk Technique shapes are crucial in this procedure. Every learner becomes engaged and active in class when other language alphabets or words are mixed with their own and used in meaningful ways.

### **Conclusion**

It is also reasonable to conclude that pupils can utilize the jerk Technology module effectively. Therefore, it is essential to develop Jerk Technology–based modules on a variety of topics. Students' higher-order processing and critical thinking skills are improved when they compete against one another for points using Jerk Technology. The Jerk Technology is portable, inexpensive, and can improve training. Jerk Technology consequently affects pupils' academic success.

**MRS.L.VINNARASI**

**ASSISTANT PROFESSOR IN MATHEMATICS**

## **PROS AND CONS OF GENETICALLY MODIFIED ORGANISMS (GMO'S)**

Genetically modified organisms (GMOs) are those whose genome has been artificially altered in a lab so as to support the expression of wanted physiological characteristics or the growth of wanted organic products. In conservative production of livestock, agricultural farming and breeding of pets, the technique has been used for a long time in the custom of selecting breeding individuals from a group so as to give out an offspring that has the desired characteristics.

The entire process of artificial alteration is termed as genetic engineering and is habitually aimed at producing combinations of bacteria, virus, and animal genes that do not occur in nature or in manners that contradict the conventional crossbreeding methods.

### **Various Pros of Genetically Modified Organisms (GMO's)**

#### **1. GMOs advance the quality of grown food**

Genetically modified foodstuffs can be changed so as to have a longer-lasting life with the aim of limiting wastage of food. This can be done by creating stronger colors, eliminating seeds or having the plant get more adjusting to harsh climatic changes. A lot of foodstuffs that have been advanced have better nutrient percentages, such as protein and calcium.

#### **2. GMOs are easier to cultivate**

Genetically modified foods can also be manipulated to grow in specified and problematic surroundings. This could be done by creating crops that are more resistant to pests. They may also be made to have improved tolerance to numerous chemicals such as herbicides. As a result, farmers are able to get improved yields.

#### **3. They boost the yields that an individual can generate on existing lands**

GMO produce can be manipulated to give higher produce from the same cultivated lands. In some occurrences, the produce can possibly increase after transitioning to GMO from traditional crops thus making it possible to meet the food demands that the next generations are going to need.

Research shows that by 2050, the world population would have increased to 10 billion. Meaning people will require more food for consumption from the existing lands. In a bid to



hold up the anticipated increase, GMOs offer the possibility with no need to alter the pricing of food. GMO proponents claim it is a solution to the world's future food security.

#### **4. GMOs can be transported to inaccessible regions of the world**

Currently, food production in the world is 17% more than it is required for the population. The problem is how food can be dispensed to the countryside where individuals have little quantities of food. The time it takes for it to reach such areas is sufficient to get ruined before consumption.

Therefore, GMOs lengthen the natural life of the foodstuff and its resilience, permitting them to be transported to longer distances without wastage or going bad to communities that really need them.

#### **5. Chemicals usage on GMO crops is lesser compared to other crops.**

Based on a study conducted by PG Economics to measure the quantity of pesticide on cotton that had been genetically modified from 1996-2011, it was discovered that there had been a 6% decline in the amount of herbicides used compared to those that had not been modified.

#### **6. According to the FDA, GMO foodstuffs potentially meet equal requisites as other foodstuffs**

Stanford University made a comparison of genetically modified foods to organic foods and discovered that there was no compelling proof that either of the foods were more nourishing or more probable to come with added health dangers when consumed by people.

#### **7. GMOs are able to preserve energy, soil and water**

This allows our food distribution network to make less of an impact on the environment. Food can be cultivated in regions that have less rainfall and have no irrigation with appropriate genetic alterations. What is more, the crops have great resistance to weeds, pests, and diseases with a continuous yield, making it easier to plan for food sources and storage for a bigger populace.

#### **8. It protects crops from extinction**

A lot of foods people consume nowadays are products of a sole original source. For instance, each naval orange is basically a clone of a single original tree that was attached to create more trees.

Not having genetic disparities puts the crop at risk should a virus or microorganisms be able to attack the fundamental genetic make-up of the crop. For example, the Hawaiian Rainbow Papaya was genetically engineered; thus, its industry was saved.

### **Various Cons of Genetically Modified Organisms (GMO's)**

#### **1. They might contribute to a rise in allergic reactions**

Studies have shown that food-related allergic reactions in kids have risen from 3% to 5% in the last decade. Even though there is no proof supporting the notion that GMOs can cause a rise in allergies, the thought that it may happen has stuck in people's minds causing them to keep away from genetically modified food.

#### **2. Genetic food can prompt allergic reactions from different foods**

GMOs that had bodybuilding nutrients from Brazil nuts were discovered to set off an allergy in individuals who are sensitive to them. Thus, any proteins that come from other foodstuffs must have a listing as part of the components and be tested to find out their capability of causing allergies.

#### **3. GMOs may contribute to antibiotic resistance**

GMOs are mostly incorporated with antibiotic-resistant genes so as to make the crops that will grow stronger. It is contemplated but not corroborated that the procedure could be contributing to the development of antibiotic-resistant bacteria.

#### **4. Some research has linked GMOs to cancer**

A research that was initially published in 2013 showed that herbicide found in Round-up tolerant crops led to the development of cancer in rats. The paper was later taken back by the first journal that published it for having unfounded or deceptive information; however, other journals have printed it since the withdrawal. Thus, a lot of individuals have concluded that consumption of the modified corn could be dangerous to their health.

#### **5. Very few companies are in charge of all the GMO seed market**

A lot of the negative energy surrounding GMOs has a tendency to involve Monsanto. There are other 5 corporations that, alongside Monsanto, are in charge of all the GMO seed market. The companies include DuPont, Syngenta, Agrosiences, Dow, BASF and Bayer.

This implies that a lot of the soya beans and corn are benefiting both the farmers and the companies. To safeguard such revenues, copyrights are required for certain seeds, these have resulted in some legal battles for the farmers that have GMO seeds to cross-pollinate in spite of not cultivating GMOs.

## **6. Herbicide resistance occurs even without genetic modification**

Presently, there are 64 different sorts of weeds that have been verified to be resistant to atrazine. This is regardless of the reality that not any of the weeds have been coupled with GMO crops to promote such a resistance.

Various farmers in the Southeastern United States tend to lose up to half of their produce even when they have planted GMO crops to atrazine-resistant weeds.

## **7. Autonomous studies are restricted by organizations in control of GMOs**

User concurrence with half of the leading manufacturers of GMO seeds forbids autonomous research of the finished good. It aid in protecting the payments they get to make when farmers get to reap yield by using their seeds.

Because the seeds are seen as the property of the corporation, even the unintentional growth of a GMO crop can cause in the necessity to reimburse the company.

## **8. GMO crops can contaminate other fields**

Even though crops have been genetically modified, they still grow the same as other crops. This indicates that pollination is still needed to happen so as the crop can produce the intended “fruit.” For instance, bees play a major role in pollination, meaning they get exposed to the genetic transformations that occur in the crop.

The seeds that are produced can sometimes be extended to other agricultural lands, thus contaminating them. When cross-pollination happens, there is no result that can be predicted for both farms, although soybeans are an exemption because they do not cross-pollinate.

## **9. GMOs produce superbugs**

When pesticides are applied to pests that threaten the growth of crops, a small number of them have a tendency to survive. Hence, the following generation becomes resilient to the chemical, meaning either more pesticides are required or a stronger one. Putting a stronger chemical, the insects become even more resilient; this eventually leads to the growth of superbugs that decrease food provisions.

## **10. GMOs have the potential of affecting animal protein**

The huge majority of the main plants in the United States that are planted are genetically modified. Such crops are subsequently given to livestock as food. Consequently, this affects animal-based groceries. GMO components can be traced in eggs, milk, seafood and animal muscle tissues. In addition, honey can also contain components of GMO because of bees pollinating genetically modified plants for production.

Regarding the advantages and the disadvantages of GMOs, as seen, there is a lot of disinformation as there is truth. Even though GMOs are able to produce more food, they tend to cause digestive problems along the way. So it is important to address the treatment of GMO seeds, and also farmers should be allowed to use GMO seeds that spread to their farms without fearing lawsuits; this would increase the profits gained from farming.

**SR.A.IGNACIAMMAL**

**ASST. PROFESSOR IN BIO-SCIENCE EDUCATION**

### **Is this need?!**

**“Anyone who says they are not interested in politics is like a drowning man who insists he is not interested in water.” - Mahatma Gandhi**

What politics really is, as most of us have biased and wrong views associated with this word. When people think of politics they think of a dirty game involving corruption and unfair means but in reality, all politics is anything associated with the governance of a country or area.

The onus lies with the younger generation who are also the future of the country to steer the country in the right direction and on the path of progress, peace, and stability which are essential for the development of any nation. If we are given the right to vote at the age of 18 and also permitted to apply for a driving license, why can't we take a keen interest in politics around the same age? Today's youth may not necessarily want to get involved in active politics however; politics play a pivotal role in the choices that they might make later on in life.

If we go back in history we realise that some of the prominent personalities who brought about a major socio- political change for the better were the youth of that time. The youth needs to understand that they are the future of the country and they need to be aware of the policies and issues regarding the country. By ignoring politics, keeping oneself aloof from reality and turning a blind eye to the prevailing situation in the country, we are doing injustice to the future of our own nation.

**“I felt compelled to come into the political field because I found I could not even do social work without touching politics. I feel that political work must be looked upon in terms of social and moral progress” - Mahatma Gandhi**

**DR.G.REDEMPTA NISHANTHI,  
DIRECTOR OF PHYSICAL EDUCATION,**

## **It's UP to You**

One song can spark a moment,  
One flower can wake the dream.  
One tree can start a forest,  
One bird can herald spring.  
One smile begins a friendship,  
One handclasp lifts a soul.  
One star can guide a ship at sea,  
One word can frame the goal.  
One vote can change a nation,  
One sunbeam lights a room.  
One candle wipes out darkness,  
One laugh will conquer gloom.  
One step must start each journey,  
One word must start each prayer.  
One hope will raise our spirits,  
One touch can show you care.  
One voice can speak with wisdom,  
One heart can know what is true,  
One life can make a difference,  
You see, it is up to you!



**DR.V.K.KARPAGAM**

**ASSISTANT PROFESSOR IN PHYSICAL SCIENCE**



## A MATH CLUSTER

In mathematics, a cluster is a collection of data centered around a single value. The values 2, 8, 9, 9.5, 10, 11, and 14, which form a cluster around the number 9, are an illustration of a cluster.

Data clustering, also known as categorization with a cluster is a common practice in mathematics. When employing data clustering, a person produces a data set from a collection of numbers that are close together. An illustration of data clustering would be to examine the 100-meter sprint times of six different people in seconds. The data would be concentrated around the 34 second point if the times were 39, 34, 35, 34, 33, and 27 seconds.

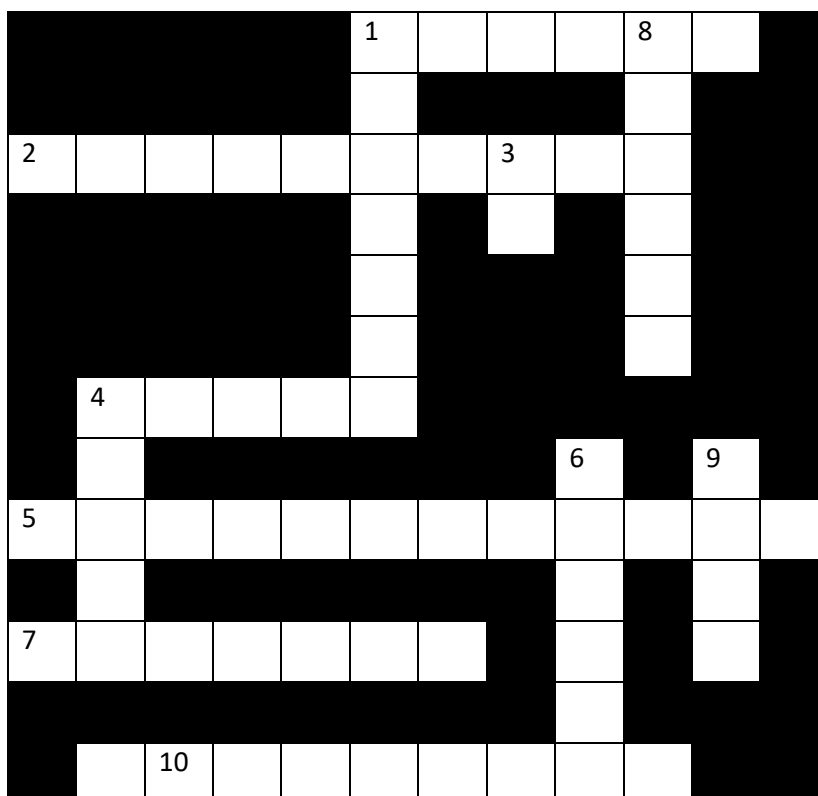
Young children and adults can estimate sums in equations with the aid of a basic understanding of clusters and data clustering. This is known as **cluster estimate**, and many people unknowingly utilize it every day when they shop for things at the store.

**EXAMPLE:** Trying to calculate the total of 399, 346, and 411 is an example of cluster estimation. The sum can be calculated with a calculator; however the cluster estimation method can be used to perform this rapidly and uncomplicatedly. Around the number 400 are the numbers 399, 346, and 411. To make the equation  $400 + 400 + 400$ , one would simply substitute the values for 400. The cluster estimate would be 1,200 if the problem were solved without the aid of a calculator.

**SARADHA.S**

**ASSISTANT PROFESSOR IN EDUCATION**

## CROSSWORD PUZZLE



ACROSS	DOWN
1. A pattern of repeated actions in mental progress.	1. Proponent of behaviour theory
2. Kind of Intelligence defined as property of machines that stimulate human intelligence.	3. It is a total score to assess human intelligence.
4. Founder of Individual psychology.	4. Most popular concept of Jungian psychology.
5. Father of psychoanalysis.	6. He proposed a 3-tiered system of internal representations.
7. Social cognitive psychologist.	8. This therapy gives improvement in behaviour disorder.
10. He has contributed in moral psychology.	9. He was a Swiss psychiatrist and psychoanalyst.

**N.JOTHI**

**ASSISTANT PROFESSOR IN EDUCATION**

## ENGLISH

English is a language,  
Realize it.  
English is an opportunity,  
Benefit from it.

English is a communication tool,  
Utilize it.  
English is a foreign language,  
Realize it.

English is a beauty,  
Admire it.  
English is a challenge,  
Meet it.

English is a unique language,  
Acquire it.  
English is a knowledge,  
Develop it.

English is an official language,  
Promote it.  
English is an international language,  
Respect it.

English is a fruitful language,  
Taste it.  
English is a bit of luck,  
Make it.

English is a link language,

Understand it.

English is important in education,

Remember it.

English is an official language,

Accept it.

English is an adventure,

Dare it.

English is too precious,

Do not destroy it.

English is life,

Live for it.

**J.AROCKIA BOWLIN**

**I B.ED(ENGLISH )**

## **ALAS! IT'S A DREAM**

In the middle of our beautiful garden in the village, I was playing with my grandpa. He ran behind me trying to catch me. I laughed and laughed. Suddenly, 'Tara' a voice called out. My teacher loomed in front of me. 'Daydreaming again', aren't you? She asked in an stern voice. The class burst into laughter. Then I sat silently pretending to listen to the class. But I could not catch my heart that revolved around my grandparents and my native village. My grandmother would come home soon. The sound of the bell brought me back to reality and also put a wide smile on my face.

The weekend was an added factor to my excitement. All evening as I was watching cartoons, all I could think about was the wonderful time I had with my grandparents during the summer holidays. My eyes did not notice the cartoons. Suddenly the voice interrupted and it was my maid. She laid out my dinner and I ate in silence. I got into my bed and turned off the night lamp. It was usual that I would be fast asleep by the time my mother returned from her work. But I was not in the mood to sleep.

Every minute dragged like hours. It was nearly 12'o clock. The place around me was drowned in silence. But I heard a loud folk song. I searched around to know from where the song was played. Then I came to know that it was from my heart. I smiled widely, filled with happiness. It was 7' o clock when my mother woke me up. She told me that Granny had already come. I ran downstairs and hugged her. My granny said, "Dear, go and get ready soon, we are going to our native now". I looked at my mom's face for a reply. 'Yes,' she nodded. I was overwhelmed and joyfully packed my luggage. I said goodbye to my parents and went along with my granny.

During the train travel, I asked a lot of questions about our native place where I had never been. Without impatience, she answered all my questions. I peeped through the window and my eyes widened on seeing the scenic beauty of the landscapes. We reached and my eyes searched for my grandfather who was eagerly waiting for us. The three of us reached our house. Then we had our breakfast. My grandpa took me to the fields and groves. There I breathed the fresh air and relished sweet tender coconut. I played in the river for a long time. Then we went home and finished our lunch which was so yummy. My granny gave me my favorite sweets. Then I played hide and seek in the garden. I fed all the domestic animals.

After the sun went down, my grandpa started narrating stories that I keenly listened to. Then my granny asked me to have dinner and go to bed early. At first, I refused but finally, I obeyed. Not even five minutes had passed when I heard someone calling my name. It's my mother. I wonder how my mother came there. She said "Sorry dear, Granny can't come home today as she is not feeling well. And I am also called into the office for urgent work. I have to go now. You order something online for your breakfast and lunch. Bye, Tara. Enjoy your weekend "I blinked AND BLINKED. I GOT FROM MY BED AND SAT ON THE SOFA. I SWITCHED ON THE TV AND INCREASED THE volume. It filled the place around me with a loud noise. But inside my mind, there was morbid silence.

**G.AROCKIA BRIDJET KIRUBA**

**I.B.ED (ENGLISH )**



## **THE 21ST-CENTURY EDUCATION**

In the 21st century, education evolves,  
Digital worlds and tech problems it solves,  
Online classes and apps in the mix,  
Making knowledge accessible with just a few clicks.

The internet fills us with information galore,  
No more library visits, what a time-saver for sure,  
Intelligently stimulating, study sessions are on the rise,  
Learning while socializing online, what a surprise.

These advancements have made education so fun,  
Gone are the days of textbooks weighing a ton,  
Lessons are engaging, interactive and bright,  
Innovative methodologies, make everything all right.

The future of learning feels very exciting,  
A new chapter of education unleashing,  
Rediscovering subjects with modern technology,  
21st-century education - a new era of equality.

**J.P. BEAUTLIN JOSE**  
**I.B.ED(ENGLISH )**

## **LANGUAGE: MIRROR OF CULTURE AND SOCIETY**

Language is a mirror of culture and identity, and this is especially true in the Indian context. Each language reflects the culture and identity of the people who speak it. For example, Hindi is the most widely spoken language in India and reflects the culture and identity of the Hindi-speaking people. Similarly, Tamil, Telugu, and Bengali reflect the culture and identity of the Tamil, Telugu, and Bengali-speaking people, respectively. In India, language is closely tied to identity.

People often identify themselves by the language they speak. For example, someone who speaks Hindi may identify themselves as a Hindi speaker, while someone who speaks Tamil may identify themselves as a Tamil speaker. This is because language is an important part of one's cultural identity.

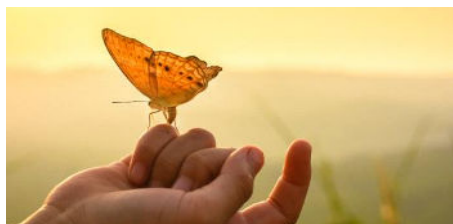
In the Indian context, language is also closely tied to religion. For example, Sanskrit is an ancient language that is closely associated with Hinduism. Similarly, Arabic is closely associated with Islam. This is because religion has played an important role in shaping the culture and identity of the Indian people. In conclusion, language is a mirror of culture and identity in the Indian context. Each language reflects the culture and identity of the people who speak it. Language is also closely tied to identity and religion in India. Understanding the relationship between language, culture, and identity is crucial for effective communication and cross-cultural understanding in India.

**J.P. BEAUTLIN JOSE**

**I.B.ED(ENGLISH)**

## ONE MOMENT

One moment I was in the air,  
Above the clouds, nowhere to be found.  
One moment I was below the Earth,  
At its core, I was bound.  
One moment I was in a palace,  
And the other in a cottage so small.  
One moment I was happy with a stick  
And the other, I hated my expensive ball.  
Time changes as we go,  
We can't follow it; it just goes,  
Time is precious  
So this is what we learned folks!



**S.DEVAYANI**

**I.B.ED ( ENGLISH )**

## LAUDABLE OF SOLITARINESS

O' ye I felt thou in all ages  
As an infant in the mother's womb  
I don't know your tales  
Though, they are in my rhythm

I grew up understanding everything  
Learned to love you too  
Shifted all things by changing  
Instantly, I crank up to feel you

A pedagogue in the heyday of youth  
Assistive in old age sticks  
In hardships, I saw you as a Pyrrhic  
Lilt, you are elixir to find dove

Several times a day, I wore you on  
In the dawn with hope  
For part of the day, with determination  
At twilight, Being passed with memories

The aforementioned was all your qualities  
Taught some lessons for aliveness  
Later on, I consented to all things  
Ergo, cheer the laud of solitariness

**R.ESTHER DEVA MARY**  
**I.B.ED( ENGLISH)**

## **OUR MOTHERLAND**

The land of diversity,  
Where people live in harmony.  
Different cultures and customs,  
And different castes and religions  
Our history today tells us all,  
About great leaders and freedom fighters' sacrifice, Who all were very wise.  
Our country was protected,  
Because they protested.  
The Himalayas have worn a crown,  
Giving birth to some of the greatest rivers,  
The atmosphere here is filled with serenity,  
Creating a nature that is very pretty!



**T.GAYATHRI**  
**I.B.ED( ENGLISH )**

## **LAUGHTER, THE MUSIC OF SOUL**

Take time to think

It is the source of power.

Take time to play

It is the secret of perpetual youth.

Take time to read

It is the foundation of wisdom.

Take time to pray

It is the greatest power on earth.

Take time to be friendly

It is the road to happiness

Take time to work

It is the price of success.

Take time to laugh

It is the music of the soul.

**C.GOWRI**

**I.B.ED(ENGLISH )**

## **TEACHER**

As a teacher  
As I am a future teacher  
Best students to make their way  
Create the new ideas  
Desire to achieve the aim  
Eager to Achievements  
Fast to hard work  
Gain more knowledge  
Having the most skills  
Identify the talent  
Justify the questions  
Kites like to fly  
Lions like king  
Make them star  
Narrate the values  
An opinion should take  
Punish the mistakes  
Quite them to correct  
The reason give to incidents  
Star of the future  
Timing should be essential  
Utilize the time  
Valves should be developed  
Whatever should be done  
X- treaty I say  
Yes you are the winners  
Don't should live like zero

**S. HARINI IVANJALIN RESHMA**

**I.B.ED(ENGLISH)**

**GOD'S LOVE**

Even before I was born,  
You had a perfect picture of my life.  
Even before I ask,  
You gave me everything I needed.  
When I needed a friend,  
You became my forever best friend.  
When I lost my Mother,  
You gave me the warmth of a Mother.  
When I was Lost,  
You were there to guide me.  
When I was Feeling down,  
You lifted me with your words.  
Even those days when I ran away from your path,  
You stood by my side, waiting for me.  
When I thought, it was too late  
You came running towards me,  
With your open arms,  
You embraced me, without any questions.  
Oh! Dear God! How much do you Love me?  
The Only True and Unconditional Love.

**J.JENITA MARY**  
**I.B.ED(ENGLISH)**

**WHITE SHIRT OF MY FATHER**



Shirt hanging on the hanger  
With more anger,  
Because,  
It is white and bright  
But without any use of it...  
They want to change the place from there  
But can't, because you are not wearing  
They want to add up some colors  
But ended always with failures  
Your shirts or my treasure  
Nothing is equal to its measure  
Because,  
It is not only your shirt  
But also the mixture of your sweat.

**P. JOYCE**

**I.B.ED( ENGLISH )**

**THE ROSE**

I am a rose,  
Which is everyone love's me?  
I am beautiful, with a perfume smell,  
My stem is with thorns,  
But my love grows.  
And more each day.  
I am in many colors,  
And used in Poojas and function.  
I will give only happiness to all.

**P. KALAYARASI**

**I.B.ED( ENGLISH )**

**MOTHER LOVE IS INEXPLICABLE**

M is for the MASSIVE guilt she gave me;

O is for the OUTBURSTS that she had;

T is for her TOTAL domination;

H is for HOW she grave out dear dad;

E is for the ENOUGH that she made me;

R is my Respect she stripped away;

Put them all together.....they spell

**MOTHER**

**D. MONIKA**

**I.B.ED(ENGLISH)**

**GIRLS EDUCATION**

Education is as important as air, food, and housing for both men and women. Girls in India are considered a burden on parents by some people. People think that girls must first be raised, then married, and sent to another house, while boys are considered the legal heirs of the family. They are considered the guardians of parents in their old age. People think that investing in a boy's education would be more beneficial rather than a girl's since they will go to another house. People think that women are sent to Earth just to cook, clean and give birth to children. Because of this thought, girls suffer and they are ignored. Things have got so much worse that some of the girls are killed before birth in the mother's womb and if they have given birth; they are despised by the family. Some are killed after birth too. People do not realize that educating a girl is as important as educating a boy. Whenever a girl has the opportunity to prove her abilities, she has always proven herself. Education has a global impact on girls. Education makes a person strong mentally, socially, and intellectually by increasing their knowledge. Educated girls are confident. They can make decisions on their own and become self-reliant. They can earn for themselves and take care of their families. They are independent and do not depend on men to validate their existence. After the wedding, they can help their husband financially and add to the family income. They will take care of their children and help to educate and transmit good values. Someone rightly said, "If you educate a man, you educate a person, but if you educate a woman, you educate the whole family and a nation." Educate a girl and develop your nation

**G.RAJESHWARI**

**I.B.ED( ENGLISH )**

**HOW TO AVOID TENSION**

The moment you are in Tension  
you will lose your attention  
And you are in total confusion  
For you will feel irritation  
You will spoil personal relations  
And you won't get co-operation  
It is nothing but a complication  
And your BP may warn your caution  
You have to take medication  
So, understand the situation  
And think of a solution  
The problem can be solved by discussion  
That's my simple suggestion  
If you know my intention  
You will never again be in TENSION

**A. SANDHYA**  
**I.B.ED(ENGLISH**

)

**SMILE**

Smile is the best thing,  
And it is the king of kings.  
To smile you don't need any reason,  
So you can smile in any season.

You can smile anywhere,  
You can smile everywhere.  
The smile doesn't have any cost,  
So you should smile the most.

One smile makes two,  
So let's do it.

**M.SANGEETHA**  
**I.B.ED(ENGLISH)**

**ENVIRONMENT**

The Environment with its treasure  
Also, countless to measure  
Marine and water plants in the deep blue water  
Life in the sea so alive to see

Grassland and forest with terrestrial life  
Cold snow Mountain peaks  
And hot turning desert  
Life is a land so alive to see

Sky so blue with air so clear  
Heavenly bodies in the milky plane  
Eagles and vultures take a turn  
Life is a sky so alive to see

**S. SHAFRIN RASHIDA**  
**I.B.ED (ENGLISH)**

**POEM ON TEACHER SERVICE**

I am happy that you are my teacher  
I enjoy each lesson you teach  
As my role model, you inspire me  
To dream and to work and to reach  
With your kindness, you get my attention  
Every day you are planting a seed  
Of curiosity and motivation  
To know and to grow and succeed  
You help to full fill my potential  
I thank full for all that you've done  
I admire you each day and I just want to say  
As a teacher, you are number one.

**J. STEFFI CATHERINE PONNAMMAL**

**I.B.ED(ENGLISH)**

**LOTUS FLOWER**



You see a lotus flower  
Even out of the mud  
Beautiful things  
Can grow too  
Precious Bouquet  
Of smelling flowers  
That Blossom in my lake,  
See lotus grows in water  
But water pearls  
Do not sit on its petals  
Whatever is left?  
Of those water pearls  
I dream of you open like the pale lotus flower  
The petals of your neither lips  
Moist with dew drops of Honey nectar

**K. SUMAYA RAHMAN**  
**I.B.ED(ENGLISH)**

**THE EASE OF THE CHILDHOOD**

Standing in the past with joy and,  
Experiencing the tender love of parental care.  
Having no worries and living in simplicity,  
Purity and innocence of childhood.  
Everything was handled by adults,  
So I was free to play with my dolls,  
My sisters, and eventually, my brother.  
A full family experience,  
Releasing our connection as a result of Mom's warm embrace of us all.

**S. SUVETHA**  
**I.B.ED( ENGLISH )**

**WOMEN**

Your worth is not in the things you do  
Your worth lies in your care and through  
You go beyond your limit in life  
You are so strong from inside  
You sacrifice that one smile  
You are there for people you love all the while  
You are true women of substance  
A big salute to you in life  
Being so pure and true!

**S. SWETHA**  
**I.B.ED( ENGLISH )**

**நன்றி மறப்பது நன்றன்று...**

ஒரு பிச்சைக்காரனைப் பார்த்து ஒரு செல்வந்தர் கேட்டார்:

உழைத்து சாப்பிடாமல், ஏன் பிச்சை எடுக்கிறாய்?

அதற்கு அந்த பிச்சைகாரன்: சார்...

எனக்கு திடீர் என்று வேலை போய்விட்டது. கடந்த ஒரு வருடமாக நான் வேறு வேலைக்கு முயற்சித்துக்கொண்டிருக்கிறேன். எதுவும் கிடைக்கவில்லை. உங்களைப் பார்த்தால் பெரிய மனிதர் போல இருக்கிறீர்கள். எனக்கு நீங்கள் ஒரு வேலை வாங்கிக்கொடுத்தால் பிச்சையெடுப்பதை விட்டுவிடுகிறேன்.

“உனக்கு நிச்சயம் உதவவேண்டும் என்று தோன்றுகிறது. ஆனால், வேலை வாங்கித்தரும் எண்ணம் எனக்கில்லை. வேறு ஒன்றை மனதில் வைத்திருக்கிறேன்.”

“வேறு ஒண்ணா...? எதுவா இருந்தாலும் சரி, என் பிரச்சினை தீர்ந்தால் போதும்” என்றான் பிச்சைக்காரன்.

“உன்னை என்னுடைய பிசினஸ் பார்ட்னர் ஆக்கப்போகிறேன்.”

“என்னது பிசினஸ் பார்ட்னரா...?”

ஆமாம்...

எனக்கு சொந்தமாக பலநூறு ஏக்கரில் விவசாய நிலம் இருக்கிறது. அதில் விளையும் தானியங்களை நீ சந்தையில் விற்கலாம். உனக்கு கடை வைக்க இடம், தானியம் உட்பட அனைத்தையும் தருகிறேன். நீ செய்யவேண்டியதெல்லாம் ஒன்று தான். தானியங்களை விற்று லாபத்தில் எனக்கு பங்கு தரவேண்டும். அவ்வளவு தான்!”

“முதலீடே செய்யாமல் இப்படி ஒரு வாய்ப்பா? கடவுள் கண்ணை தொறந்துட்டாண்டா குமாரு” என்று பிச்சைக்காரன் மனம் குதூகலத்தில் மூழ்கியது.

“சார்... அது வந்து... லாபத்தை நாம எப்படி பிரிச்சிக்கப்போகிறோம்...? உங்களுக்கு 90% எனக்கு 10% ஆ? இல்லை உங்களுக்கு 95% எனக்கு 5% ஆ? எப்படி?” ஆர்வத்தோடு கேட்டான்.

“இல்லை... நீ 90% எடுத்துகிட்டு எனக்கு 10% கொடுத்தா போதும்.” அதைக்கேட்ட பிச்சைகாரனுக்கு ஒரு கணம் பேச்சே வரவில்லை.

“என்ன சார் சொல்றீங்க?” நம்பமுடியாமல் கேட்டான்.

“ஆமாம்ப்பா உனக்கு 90% எனக்கு ஜஸ்ட் 10% போதும். எனக்கு பணம் தேவையில்லை. அது நீ நினைக்கிறதைவிட நிறைய என்கிட்டே இருக்கு. இந்த 10% நான்கொடுக்கச்சொல்றது என் தேவைக்காக இல்லை. உனக்கு நன்றியுணர்ச்சி என்னைக்கும் இருக்கனுமேங்குறதுக்காகத் தான்.

இவர்கள் செய்துகொண்ட ஒப்பந்தப்படி அனைத்தும் நடைபெறத் துவங்கியது. ஆனால் ஒரு கட்டத்தில் பிச்சைக்காரன் தனக்கு இந்த வாழ்க்கையை அளித்த அந்த வள்ளலை மறந்தே விட்டான். ஒரு சில மாதங்கள் சென்றது. அதுவரை தனது பிஸ்னஸ் பார்ட்னரான அந்த செல்வந்தனின் பங்காக தினசரி 10% ஒதுக்கி வந்தவன் ஒரு கட்டத்தில் தனக்கு தானே கேட்டுக்கொண்டான்.

அடுத்த சில நிமிடங்களில் செல்வந்தர் புதுப்பணக்காரனாகிவிட்ட பழைய பிச்சைக்காரனிடம் தனது லாபத்தின் பங்கைப் பெற கடைக்கு வந்தார்.

“உழைப்பு எல்லாம் என்னோடது. அப்படியிருக்க உங்களுக்கு எதுக்கு நான் 10% தரனும்? எனக்கு தான் எல்லா லாபமும் சொந்தம்!” என்று ரூல்ஸ் பேசினான்.

அந்த செல்வந்தனின் இடத்தில் நீங்கள் இருந்தால் என்ன சொல்வீர்கள்? ஒரு செகண்ட் யோசியுங்களேன்...

இது தான் நமது எல்லோர் வாழ்க்கையிலும் நடக்கிறது. இறைவன் தான் பிசினஸ் பார்ட்னர். நாம் தான் அந்த புதுப்பணக்காரன்! இறைவன் நமக்கு போட்ட பிச்சை தான் இந்த வாழ்க்கை. ஒவ்வொரு நொடிAம், நாம் விடும் ஒவ்வொரு மூச்Rம், இறைவன் நமக்கு கொடுத்தவற்றை பட்டியலிடத்துவங்கினால்... அது முடிவே இல்லாமல்தான் போய்க்கொண்டிருக்கும்.

இவ்வளவு தந்த அவனுக்கு ஜஸ்ட் ஒரு நாளைக்கு ஒரு10 நிமிடம் நேரத்தை தான் நாம் பகிர்ந்துகொள்ளவேண்டும் என்று அவன் எதிர்பார்க்கிறான். அது கூட அவனது தேவைக்காக அல்ல. அவன் தேவைகள் அற்றவன். நமது நன்றியுணர்ச்சிக்காக அதை எதிர்பார்க்கின்றான். அவன் மீது நாம் வைத்திருக்கும் அன்புக்காக.நன்றியுணர்ச்சி மட்டும் ஒருவரிடம் வந்துவிட்டால் அதற்கு பிறகு வாழ்க்கை எப்படி மாறும் தெரியுமா? இறைவனை வணங்குவதோ, வேதங்களை படிப்பதோ, ஆலயத்துக்கு செல்வதோ, தொண்டு முதலானவற்றில் நம்மை ஈடுபடுத்திக்கொள்வதோ அல்லது

சக மனிதர்களுக்கு உதவுவதோ இவை யாவும் செய்வது நமக்காகத்தான். நம்முடைய நன்மைக்காகத்தான் என்றாலும், மற்றபடி இறைவனின் தேவைக்காக அல்ல. “நீங்கள் என்னை நினைவு கூறுங்கள்; நானும் உங்களை நினைவு கூறுவேன். இன்னும், நீங்கள் எனக்கு நன்றி செலுத்துவீர்கள்.”

நன்றி...

THANKING GOD FOR EVERYTHING....

ஜா.அனிஸ் பாத்திமா  
கல்வியியல் முதலாமாண்டு  
பொருளறிவியல்



### **Our world**

The Grass is green

The sky is blue

The moon is white

The Clouds are, too

The sun is yellow.

The trees are brown,

The leaves are red

When falling.

The Sunset's Orange,

The air is clear,

What a colorful world

We have right here

**K. ARUNAVINITHA**

**I B. ED (PHYSICAL SCIENCE)**

## Teaching Digital Literacy



The digital world offers tremendous benefits to us all. It provides platforms that allow us to connect and collaborate. It opens opportunities to learn about new and important issues and empowers innovation in ways that were unimaginable just a few years ago. Digital literacy is separate from Computer literacy. It requires critical thinking skills, an awareness of the necessary standard of behavior expected in the online environment, and an understanding of the shared social issues created by digital technologies. Digital Literacy= digital tool knowledge + critical thinking+ Social Engagement.

The need for digital literacy in the classroom is to become digital Citizens: individuals responsible for how they use technology to interact with the world around them. “ Digital literacy should be the fourth pillar of a child’s education alongside reading, writing, and mathematics and be resourced and taught accordingly ”.

To improve digital literacy in the school various measure should be undertaken by the school management; Focus on the curriculum- Understandably, teachers might get frustrated at “ yet another thing ” for them to add to an already busy teaching schedule. But digital literacy doesn’t exist in isolation. Create modern classroom- New pedagogical methods such as Collaborative learning, Student–led learning, and flipped Classroom are gaining popularity thanks to the rise of educational technology. Make your lessons digital- It is hard to teach pupils about what’s needed in the online world without using digital tools. So teachers themselves must embrace digital literacy. Consider using ActivPanels and free educational software such as Class Flow to help pupils become engaged in the art of teaching online. Engage your teacher- Teachers are time-poor, so many schools are avoiding their responsibilities to educate students about digital literacy due to anxieties’ about their own staff’s technical abilities. Hence the digital world is here to stay. Our pupils will have to face the challenges and threads that come with living with technology whether we exposed and prepare them for it or not. So, surely it better to teach them the skills of digital literacy that help the pupil to stay safe and thrive.

**A. DARATHY CELCIYA**

**I.B. ED(PHYSICAL SCIENCE)**



## மத ஒற்றுமை கவிதை

மசூதி மேலே உட்கார்ந்தப் பின்னே

மாதா கோயில் உட்கார்ந்தப் பின்னே

ஆலய கோபுரம் மேலே மீதொரு

அண்டங்காக்கா உட்கார்ந்ததே

கா... கா... !

மதத்தின் பெயரால் சண்டைப் போடுகிற

மனுசனப் பத்தி யோசித்ததாம்!

பள்ளிவாசல் முற்றத்திலும்

பரமப் பிதாவின் முற்றத்திலும்

கோபுர வாசல் முற்றத்திலும்

அல்லாஹ் பிச்சையும்

பிச்சை ஆண்டியும்

ஏந்தி நிற்கிறார் திருவோடு

இதுதானே நம் பாரத நாடு

இதிலே ஏது வேறுபாடு

அண்டங்காக்கா எண்ணிப் பார்த்தது

கவலை நிறைந்த மனதோடு

வேளாங்கண்ணி மாதாவிடம்

வேண்டுதல் நேர்ந்தே வந்ததுடன்

தாகூர் ஆண்டவன் சந்நிதி

நோக்கி நடத்து போவான் முனியாண்டி

பாட்டன் பூட்டன் காலம் முதல் அந்த

பழக்கம் தொடருதுப் பாரேன்டி

சுய லாபத்தை மனதில் எண்ணி

மத இனவெறியை மனதில் தூண்டி

சண்டையை மூட்டும் சண்டியர் புதைத்தார்

சமத்துவத்தை குழித் தோண்டி

மசூதி மேலே உட்கார்ந்தப் பின்னே

ராமர் கோயிலில் உட்கார்ந்தா

கலவரம் ஏற்படும் காலமும் வருமோ

காக்கா மிகவும் பயந்ததே

சனி பகவானின் வாகனம் அதுக்கு

சனியன் பிடித்தே நொந்ததே

ஆனால் கடைசியில் அண்டங்காக்கா

சமத்துவத்தை வளர்த்திடும் சோக்கா

மாதா கோயில் மசூதி ஆலயம்

முன்றிலும் உட்கார துணிந்ததே!!!

மு. தேவதர்ஷினி  
கல்வியியல் முதலாமாண்டு  
பொருளறிவியல்

## **My wish**

All people have a wish,  
As umpteen as there are fish,  
Sacred to them it is,  
The attainment of which will give them bliss.

My wish is to be the best,  
And far behind leave the rest,  
To work hard and succeed,  
To the world, lead.

Not easy is that wish fulfilled,  
As it is difficult to build,  
Castles in the air,  
When evil things are everywhere.

To have a wish is ordinary,  
To get it will set one free,  
As fulfillment is something rare,  
However one does in one's life fare.

One should work hard and long,  
And only then can one break into song,  
By accomplishing things fine,  
In the due course of time.

**A.JESUS SAHAYA VARSHA**  
**I.B. ED (PHYSICAL SCIENCE)**

## **Who is he?**

He is like a battery.

Gives me limitless power.

He is like a wire.

Connects all of my delights.

He is like a capacitor.

Makes me a capable one.

He is like a restaurateur,

Resist my anger.

He is like a magnet.

Triggers me to attract all positivity.

He is like an amplifier.

Amplifies my perceived potential.

He is like a diode.

Allows me to take the right path.

He is like a filter.

Filters my negativity.

Do you sense

Who is he? He is my father!

**J.KALESWRI**

**I B. ED (PHYSICAL SCIENCE)**

## அன்னை!

நான் கண்ட முதல் அறை !  
அம்மாவின் கருவறை!!  
நான் சுவாசித்த முதல் காற்று !  
அம்மாவின் மூச்சுக்காற்று!!  
நான் உணர்ந்த முதல் பூ!  
அம்மாவின் அரவணைப்பு!!  
தாய் என்னிடம் காட்டியது  
அன்பு !  
நான் அவளிடம் கற்றது  
பண்பு !  
இதற்கு முன் பார்த்ததில்லை  
கடவுளை முன்பு!  
இப்போது தாயாக காண்கிறேன்  
பிறந்தப் பின்பு!!  
அன்னை என் மேல் காட்டினாள்  
பாசம் !  
நான் அவள் மேல் வைத்தேன்  
நேசம்!  
என் உள்ளம் அவளிடம் உண்மையை பேசும்!  
என் உயிர் கொண்டிருப்பது அவளின் சுவாசம் !!!

கு.கயல்விழி  
கல்வியியல் முதலாமாண்டு  
பொருளறிவியல்

## அகர வரிசையில் ஆசிரியர் பணி

அகரத்தைக் கற்பிக்கும் பணி  
ஆண்டவனுக்கு ஈடான பணி  
இல்லாமையைப் போக்கும் பணி  
ஈடில்லா ஈகை பணி  
உண்மையை உரைக்கும் பணி  
ஊக்கத்தை கொடுக்கும் பணி  
எண்ணங்களுக்கு வண்ணம் தரும் பணி  
ஏணியாய் இருக்கும் பணி  
ஐயங்களைப் போக்கும் பணி  
ஒற்றுமையை வளர்க்கும் பணி  
ஒதுவதை உயிரெனக் கொண்ட பணி  
ஒளவை வழி நடக்கும் பணி  
அஃதே ஆசிரியர் பணி!!!

-பா.மரகதவள்ளி  
கல்வியியல் முதலாமாண்டு  
பொருளறிவியல்

## WONDERS OF SCIENCE

Science is a treasure.

Difficult to measure...

Science is a boon,

Its magic is carrying the man to the moon...

Science is a mystery,

Full of chemical history,

Solved by ultimate chemistry...

Symbol of silence,

Factor of brilliance,

Science is the challenge of excellence.

Science of universal ecology,

Narrated by biology

Where,

Plants and animals have

Their separate morphology

Section of treatment and cure for danger,

Biology provides a magical chamber.

Science and wonder



Science is great,

Constructing bridges

Success and faith...

Rapidly developing nations and states...

**K. MARIA BENANCIYA**  
**I.B. ED (PHYSICAL SCIENCE )**

## **WHY DID I NEGLECT YOU?**

The Grace that overwhelms me from above  
That I began to kneel and bend low  
To see thy mighty hands on the creatures below  
That's like a targeted arrow in a bow.  
That Supreme Power which created the world  
That which shone in the universe as gold  
That the man began to destroy it so bold  
Yet the mighty power has the upper hold.  
God created the universe which was so good  
The man tilted and produced it food  
His pride and selfish motive to hoard  
Led him to get lost from God.  
It is a sin and pin to find fault with God  
That lost his originality in fade  
Began to destroy nature to board a hold  
Which shadowed him to see the reality of God.

**M. MARIA STEFANI KRISHILDA**  
**I.B. ED (PHYSICAL SCIENCE)**

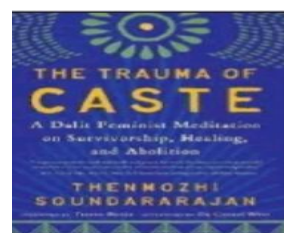
## **DALIT ACTIVIST IN UNITED STATES:**

Being



THENMOZHI SOUNDARAJAN is a Dalit American Activist, technologist, transmedia storyteller, theorist, etc. an Ambedkarite, Thenmozhi believes that caste is the disease

of the mind. Thenmozhi was born near Madurai and is well known for her contributions and campaigns against casteism and discrimination against marginalized people. Having studied at the University of California, Berkeley, Thenmozhi has done a Documentary on caste and violence against Women, for which she had to face discrimination from her own Indian Professor. This was the main reason which gave her the idea of Establishing a Civil Rights Organization. Thenmozhi Soundarajan became the Founder and Executive Producer of EQUALITY LABS. This Organization in Los Angeles uses community research, popular education, and digital security to fight the oppression of caste apartheid. Indian Americans have reported that Two out of Three Dalits are treated unfairly in their workplace due to their caste. Thenmozhi voices out for oppressed people and has been featured in New York Times, BBC, Washington Post, etc. Being a Social Activist, her frequent Contributions to society made her recognized by the U.S Congress, National Centre for Humanities, and National Science Foundation. “THE TRAUMA OF CASTE”, The book written by Thenmozhi Soundarajan is an Activating Beacon Of Liberation that puts forth a call to awaken readers all around the world. Social Reformers like Thenmozhi Soundarajan remind me, of a famous quote by Martin Luther King “Our Lives Begin to End the day We become silent about things that matter”



**S. NIVETHA**

**I.B. ED (PHYSICAL SCIENCE)**

## **Colors**

Red as the raspberry growing on the vines.

Yellow as the sunshine glowed through the pines.

Blue as the morning sky as it beautifully awakens.

Pink for true love that won't be for saken.

White lilies for spiritual bliss.

The colors of my life so happily welcomed.

Enjoying the color of life's sweet spectrum.

**P. PRINCY**

**I.B. ED (PHYSICAL SCIENCE)**

## செம்மொழி வேந்தர் கலைஞரும் செம்மொழித்தமிழும்

கோடிக்கணக்கான மொழி இப்புவியுலகில் பிறந்தும்  
எட்டுத்திசை எங்கும் காற்றென நீரென  
உணர்வின் ஒலியால் வடிவாய்  
வாழ்வது உயர்தமிழ் செம்மொழி...

எழுத்து, சொல், பொருள், யாப்பு, அணி இலக்கணங்களும்  
திருக்குறள் நாலடியார் நீதி நூல்களாக  
இணைந்து பெற்ற மொழி தமிழே...

பரந்து விரிந்தவுலகில்  
ஆழ்ந்து அகன்று தேடியும் கிடைக்குமோ  
திருக்குறளும், ஆத்திச்சூடியும்  
எம்மொழியின் துணையின்றி  
தனித்தியங்கும் ஆற்றலைப் பெற்றது எம்  
உயர்த்தனி செம்மொழி தமிழ்மொழியே!

பழமை வாய்ந்த மொழிகளேன  
இசைப்பாடும் தென்திராவிட தமிழ், மலையாளம், கன்னடம்,  
குடகு(கொடகு), துளு, கோத்தா, தோடா, கொரகா, இருளா  
நடுதிராவிட தெலுங்கு, கூயி, கூவி(குவி), கோட்டா,  
கோலாமி(கொலாமி), நாய்க்கி, பெங்கோ, மண்டா, பர்ஜி, கதை,  
கோண்டி, கோயா  
வடதிராவிட குரூக், மால்தோ, பிராகுய்(பிராகுய்)  
ஏட்டளவிலே வாழும் போது  
உயர்ப்போடு சங்ககாலம் சங்க மருவிய காலத்தில்  
வென்றதும் எம் தாய்மொழியாம் உயிர்தமிழே...

பாரதத்திலேயே தோன்றிய முதல் மொழி  
பிற நாட்டின் ஆட்சி அதிகாரத்தில்  
இந்திய மொழிகளில்  
வேருன்றி தழைத்ததும்  
தமிழ் மொழியோன்றே...

யாமறிந்த மொழிகளிலே

தமிழ் மொழி போல் இனிதாவதெங்கும்  
காணோம் என்று  
செந்தமிழ் நாடேன போற்றினார் பாரதி...  
யாதும் ஊரே யாவரும் கேளிர்  
தீதும் நன்றும் பிறர் தர வாரா யென  
உலக வாழ்க்கைக்கு  
மனிதம் சேர்த்ததும்  
எம் உயர்த்தனி செம்மொழியாம்...  
நம்மை பேதம் மறந்து  
இணைக்கும் அமுதாகிய தமிழே...  
பெருமை கொள்வோமே!  
தமிழ் மூச்சே பெருமூச்சு  
தமிழ்  
தமிழன்  
தமிழ்நாடு  
என்பதிலே  
எப்பிறவியலும்...!

நன்றி!

சு.சரணிகா தேவி  
கல்வியியல் முதலாமாண்டு  
பொருளறிவிய

## **EDUCATION**

Without education, we can't do anything

We need to educate ourselves, as we are human beings

If we are not educated, then something is impossible

But if we are educated, all we can make it possible

The most powerful weapon is education

Without education, we can't do anything

Life without education is like a room without light

If we are educated then our life is very bright

Education is our best friend, it does not have any end

Education is the best, while you are educating you can't rest



**R. SARANYA**

**I B. ED (PHYSICAL SCIENCE)**

## **ROOTED IN EARTH**

A figure that has been present for very long time stands among the deeply rooted and sturdy dirt.

Its branches are spread and its leaves are blowing in the wind.

A majestic tree that is truly amazing to see

It is unwavering even when the seasons change.

A slight to remember is the way its colors change.

Spring's rich greens give way to autumn's tones.

A natural ploy, the tree sheds its leaves

Its deep-rooted plants stabilize the ground.

A refuge of tranquility, no need to roam, it serves as a network of life and a giver so great for creatures of all types.

The tree is an emblem of life, standing tall.

A source of strength amid conflict

Being there serves as a reminder of what we can be.

**C. SHILPA**

**I.B. ED(PHYSICAL SCIENCE)**



## **SAVE TREES**

Save trees..!

70s kids used trees to live moments..!

80s kids used trees to love life..!

90s kids used trees to save the future..!

But I'm a 2k kid, using it with technology..!

Every Tree understands that, this generation breathes the fastest network air..!

So Don't cut trees, it has upgraded its leaves movements into 5G..!

So don't cut trees..!

Wow, I'm great..!

Yep..! Great to myself..! By selfish..!

**M. SUTHARSANA**

**I.B. ED (PHYSICAL SCIENCE)**

# **WOMEN EMPOWERMENT**

## **INTRODUCTION:**

Women empowerment is a much-talked issue today. Women are increasingly getting empowered to decide the course of life and professions and realize their fullest potential. Women empowerment implies the ability of women to take decisions about their life and work and give equal rights to them in all spheres: personal, social, economic, political, legal, and so on.

## **WOMEN EMPOWERMENT: WINDS OF CHANGE:**

Women empowerment has become the buzzword today with women working alongside men in all spheres. They profess an independent outlook, whether they are living inside their home or working outside. They are increasingly gaining control over their lives and taking their own decisions about their education, career, profession, and lifestyle.

Women empowerment is not limited to urban, working women but women in even remote towns and villages are now increasingly making their voices heard loud and clear in society. To their male counterparts. Educated or not, they are asserting their social and political rights and making their presence felt, regardless of their socio-economic backgrounds.

## **WOMEN EMPOWERMENT: MAKING THE WORLD A BETTER PLACE:**

We are living in the age of women empowerment. Women over the world are working shoulder-to-shoulder with men. By and large, they are now empowered to make decisions about different aspects of their life and profession.

## **BENEFITS OF WOMEN EMPOWERMENT:**

Women empowerment adds to the confidence of women in their ability to lead meaningful and purposeful lives. They can lead their lives with dignity and freedom.

It adds to

- their self-esteem.
- It gives them a distinct identity.
- They can gain positions of respect in society.
- As they are financially independent they can spend on all their needs and desires.
- They can make meaningful contributions to the well-being of society.

## **NECESSITY OF WOMEN'S EMPOWERMENT :**

Without women's empowerment, we cannot remove injustice and gender bias, and inequalities.

- If women are not empowered, they cannot enjoy security and protection in life
- It also provides them with a safe working environment.
- Empowerment acts as a powerful tool against the exploitation and harassment of women.
- It is a great means to get adequate legal protection for women.

### **WOMEN EMPOWERMENT: KEY TO SOCIAL AND ECONOMIC GROWTH:**

Women empowerment can be defined as a process leading to enhancing women's control over financial, human, and intellectual resources in society. In any nation, women's empowerment can be measured by the extent of their involvement in social, economic, and political fields. Women can be made said to be truly empowered only when all the factors such as self-worth of women, their right to control their own lives, and their ability to bring about social change, are addressed simultaneously.

### **CONCLUSION:**

Let us hope, women's empowerment spreads to progressive as well as backward areas of our vast country. Women's Empowerment helps to make the society and world a better place to live in and march forward on the way to inclusive participation. It means increase happiness for the family and the organizations where women make a difference. Contemporary societies across the world have been exposed to the major processes of transformation on the social and economic development front.

**C.VAISHNAVI**

**I.B.ED(PHYSICAL SCIENCE)**

## **ROAD ACCIDENT**

Road accidents have become very common nowadays. As more and more people are buying automobiles, the incidences of road accidents are just increasing day by day. Furthermore, people have also become more careless now. Not many people follow the traffic rules. Especially in big cities, there are various modes of transport. Moreover, the roads are becoming narrower and the cities have become more populated. Thus, road accidents are bound to happen. You pick up a newspaper and you will find at least one or two news about road accidents daily. They cause loss of life as well as material. People need to be more careful when on the road, no matter which mode of transport they are from. Even the ones on foot are not safe because of the rise in these incidences. Every day people witness accidents in the news, from relatives, and even with their own eyes.

### **Road Accident Incident**

Once I was on my way back home from festive shopping when I witnessed a road accident. I was with my sister and it was around 6 p.m. In the middle of the road, we saw a crowd surrounding something. We weren't quite sure what was happening as the first thought that came to our mind was that it was probably a quarrel between two men. However, when we reached the spot, we found out an accident had taken place.

After that, we got to know the whole story. A man was crossing the road when a truck hit him leaving him severely injured. The man was lying on the ground bleeding profusely and people were calling for an ambulance. We instantly called up the ambulance but time was running out. Therefore, an auto driver took the man in his auto and rushed him to the hospital. Subsequently, the police arrived as the people had caught the driver and were beating him up. After the police came, they caught hold of the driver and asked about the incident. Later, we came to know that the driver was drunk. The police detained him and went to the hospital for a statement. Fortunately, the driver was declared out of danger. The doctors dressed his wounds and informed him that he was still in shock.

That incident made me realize how precious our lives are. In addition, how we take it for granted. We must all be very careful when on the road, on foot or by car that does not matter. We can adopt measures that will prevent road accidents.

#### Road Accident Prevention

We need to prevent road accidents to decrease the death rate. Every year thousands of people lose their lives to road accidents. Children must be taught from an early age about traffic rules. They must be taught the value of life and how they can safeguard it.

Moreover, the government must pass more stringent laws for people who disobey traffic rules. They must fine people heavily or take strict action when found guilty of breaking these laws irrespective of gender.

Similarly, parents must set an example for the younger ones by not using phones while driving. Also, they must always wear their helmets and seatbelts to avoid the chances of an accident. The report details the profile of Road accidents in India during 2021. The Selected parameters of road accidents like Number of accidents, fatalities, fatal Accidents, injuries, etc. A total number of 4,12,432 road Accidents have been reported by Police Departments of States and union territories (UTs) in the country during the calendar year 2021, claiming 1,53,972 Lives and causing injuries to 3,84,448 Persons. During 2021, a total of 4,12,432 Accidents were recorded in the country, of Which, 1, 28,825 (31.2%) took place on The National Highways (NH) including Expressways, 96,382 (23.4%) on State Highways (SH) and the remaining 1, 87,225 (45.4%) on Other Roads. Out of a Total 1, of 42,163 fatal accidents reported in 2021, 50,953 (35.8%) were on National Highways, 34,946 (24.6%) were on State Highways and 56,264 (39.6%) were on Other Roads. In several accidents and fatalities on National Highways during 2021. Amongst the States, Tamil Nadu recorded The highest number of road accidents on National Highways in 2021, whereas, the number of persons killed in road accidents Was the highest in Uttar Pradesh.

**Sr.A.ARUL KUMARI**  
**I.B.ED (MATHEMATICS)**

## **MOTHERS LOVE**

My mother is a super mom  
She is always an inspiration to me,

My mother is a perfect combination  
Of love,, devotion, combination...  
Without a mother no fun in life.

She is a very social and loving lady and  
Welcomes guests warmly,  
She scolds me for my mistake and  
Calmy corrects my faults and mistake...

Mother symbolizes love and care and no one can imagine a perfect family without her.....

**B. BANUMATHI**  
**I.B.ED MATHEMATICS**

## **TRANSWOMAN: YET A MOTHER!**

A mother without a womb,  
Longing to become a mother  
She is plagued with uncertainty.  
However, in contemplation of certainty,  
As a Transwoman, she rescues a Trans child  
from ambiguity to assure  
Allows the child to live life with dignity,  
Allows him/ her to be gratified.  
Keeps her safe from gender dysphoria  
Safeguards the child from becoming perplexed,  
She doesn't want the child to be in agony.  
She never likes to force the kid into sex work  
For her work is the rescue of humankind.  
Yea! Referring to humanism  
Never stratifies,  
Not any preconceived notions,  
Neither class-conscious,  
Nor one-sidedness.  
“Why won't you accept?” she yells  
for her child,  
It's society's fault; it's time to ponder!  
Dear World!  
Do accept them as they are, as they want to be

**M.BEULA**

**I.B.ED (MATHEMATICS)**

## **GLOBAL WARMING**

“Global warming is not a prediction. It is happening.”

- James Hanson.

Global warming refers to the gradual rise in the overall temperature of the atmosphere of the earth. There are various activities taking place that have been increasing the temperature gradually. Global warming is melting our ice glaciers rapidly. This is extremely harmful to the earth as well as to humans. It is quite challenging to control global warming. The first step in solving any problem is identifying the cause of the problem. Causes for global warming; it is not happening because of a single cause but several causes. These causes are both natural as well as manmade. The natural causes include the release of greenhouse gases which are not able to escape from the earth, causing the temperature to increase. Volcanic eruptions and methane are also big issues responsible for deforestation, mining, cattle rearing, fossil fuel burning, and more.

The excessive use of fossil fuel results in increased levels of carbon dioxide and the biggest sources of absorption of carbon dioxide will disappear and there will be nothing left to regulate the gases. Thus it will result in global warming. Steps must be taken immediately to stop global warming. Global warming can be stopped by a joint effort by the individual and the government. We must begin with the reduction of greenhouse gas. Deforestation must be banned and trees should plant more. The use of automobiles must be limited and recycling must be encouraged. In short, all of us must realize the fact that the earth is not well. It needs treatment and we can help it heal.

Therefore every little step no matter how small carries a lot of weight and is quite significant in stopping global warming. The function of the teacher is to help students learn by imparting knowledge to them and by setting up a situation in which students can and will learn effectively. But teachers fill a complex set of roles. Which vary from one society to another and from one educational level to another. A teacher's role is to transfer knowledge and act as the facilitator, role model, and mentor. The teacher develops through practice that links the learner with the community, attitudes, and values. The teacher promotes behavior director towards environmental protection and leads to a transformation that overcomes that reality, both in its natural and social



aspects. Teachers help their students develop an awareness of creative, dynamic, effective, and efficient environmental protection and management responsibilities.

Learning the environment is not just a single-point exchange of information-it extends much beyond that definition. This is a multi-dimensional angle to environmental education and extremely important takeaways that apply not only to student's academic life but also to their personal everyday life. Role of the students in preventing environment; eat natural organic food. Save water in schools and also at home-ensure to keep the water taps off when not in use. Ensure optimal use of paper. Don't leave the room with lights, or fans, on. Don't use and throw pens. Spread awareness about protecting the ozone layer, etc. Don't tease the animals. Don't use thin plastic bags-develop a habit of using cloth bags while going to the shops. Avoid cutting or damaging trees or flowers on the plants, the school may promote neighborhood residents for admissions, avoid littering when in the group and stop others from doing so and don't discard used books, clothes, etc. And generate unnecessary waste, better to give to the ones who need them. Schools may involve young students in the whole process of new concepts and trend-setting requirements of society. Schools may draw attention to some of the ancient heritage buildings in India which are the epitome of low-energy architecture. Schools may create awareness about them and motivate the students for being energy conscious. To follow reduce, reuse, and recycle. Take care of birds and animals and respect them. Support environmentally friendly behavior, replace disposal items with reusable items, and conserve water and electricity.

**B. BHAVANI**

**I B. Ed (MATHEMATICS)**

## **How to live?**

Argue less, convince more

Complain less, accept more

Doubtless believe more

Drink less, breathe more

Eat less, chew more

Fearless is hoped more

Focus on the future less on the present and more

Frown less smiles more

Hate less, love more

Negativity less, positivity more

Noise less, solitude more

Preach less, practice more.

Ride less, walk more

Spend less, save more

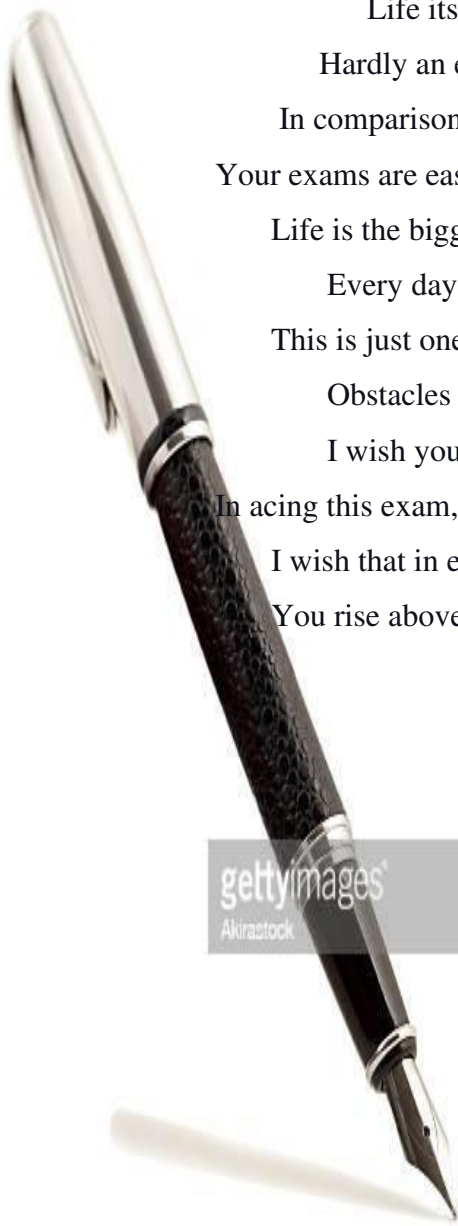
Talk less, listen more

Timid less, confident more

Worry less, work more.

**B. CHRISTY SOFIA**  
**I.B.ED(MATHEMATICS)**

## EXAM ENCOURAGEMENT



Life itself is a test  
Hardly an easy feat  
In comparison, I'm sure  
Your exams are easier to beat  
Life is the biggest challenge  
Every day face  
This is just one of the few  
Obstacles in the race  
I wish you good luck  
In acing this exam, and more  
I wish that in everything  
You rise above and soar.

**S.DAYANA,**  
**I.B.ED (MATHEMATICS )**

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# **APPLICATION OF MATHEMATICS IN ARTIFICIAL INTELLIGENCE**

**“An equation for me has no meaning, unless it expresses a thought of God.”**

**- Srinivasa Ramanujan**

Artificial intelligence (AI) is the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings.

Mathematics is used in especially linear algebra, probability, and calculus.

Mathematical topics like vectors, matrixes, functions, gradients, and information theory are all topics that are likely to help you develop an AI program.

Let's consider a Robot. A robot can only move forward for a certain number of seconds, but not a certain distance. To make the robot go forward, scientists use mathematics in its programming.

Discrete random variables, continuous random variables, Bayes Formula, and normalization are some concepts of probability that are used in Robotics navigation and locomotion along with other concepts of linear algebra that are likely to help develop AI programs.

**“Mathematics is the language with which God has written the universe.” -Galileo Galilei**

AI Computer consists of an IC Chip which is made up of silicon. People sometimes say “Is there sand in your brain?”. Computer memory is made up of silicon which is in sand. But it Stores large data and performs complex tasks. Even sand was created with so many wonderful things by God. Like, every student have unique talents. As a teacher, bring out the talent of the students.

**JOYCI JENEBA.K**

**I.B.ED(MATHEMATICS)**

## NATURE IS GETTING READY TO BLOSSOM

How is nature getting ready?

In the early morning,

Queen getting bathed in rain;

Queen dry her hair in the heat  
of the sun.

Who is the queen?

The mountain as a queen;

The green as clothes;

The flowers as a fragrance;

The fruits as a jewel;

The rainbow as a lipstick;

The breeze as talc;

The insects sound like a piece of music;

The animal's friends.

Queen getting ready but,

Where are you going?

Queen says I am ready to see my  
friends to solve their problems.

Because my friends are  
destroyed compared to me;

They wear torn clothes;

Rotted jewels, odorless,

No music and no friends are  
there, Why they are destroyed?

Because of human actions;

Many factories, many vehicles,

Many pollutions, many  
chemicals are used,

I also become like this!  
So, I will explain to the man;  
“I show my beautiful face,  
The world sees peace;  
I show my dangerous face,  
The world sees the cause ”.

**B.MADHUMITHA,**  
**I.B.ED(MATHEMATICS)**

## MOTHER'S LOVE

A Mother's love is something  
that no one can explain,  
It is made of deep devotion  
and of sacrifice and pain,  
It is endless and unselfish  
and enduring come what may  
For nothing can destroy it  
or take that love away . . .

The Warmth of her hug, the care in her hands  
The encouragement of her  
words,  
the energy of her love.  
The trueness of her  
feelings,  
the admiration of her  
patience.

The rose does not bloom without water, A fruit does not grow without  
air,  
A seed does not sprout without soil,

So the child does not grow without the mother's love.  
A mother wraps her love,  
around the heart of her child,  
keeping each beat steady,  
through the rhythm of life,  
until wings take shape,  
and it's time for the soul,  
to take flight.

**V.MAHALAKSHMI,**

**I B.ED(MATHEMATICS)**

## **AN ABANDONED CHILD**

There is a voice inside me,  
It is not something booming.  
Something insisting to go 'there'  
I constantly ask 'where'?  
Legs are tied up to rigid soil.  
There is a thought that arose from the rooftop of my mind,  
But the mind is caught in a muddy bank.  
Again and again, intuition tells me to Explore  
From Where Should I start?  
Mind like fish out of water  
As it lost its gills to breath  
The ship has sailed  
But, now I am crawling to find refuge  
Feeling exhausted and become dry,  
I want oxygen to breathe,  
Should I place an order to get it from the firm?  
Will it be fresh and amalgamated with the flavor of a cool breeze?  
Like what I had before.  
Will it be an airtight container?  
Remember, I was self-centered.  
Suddenly, universal thought picked me.  
Once I put my Mother Nature in an old-age home.  
She is not a helpless mother I suppose  
I find myself an abandoned child now.

**R.NISHALINI**

**I.B.ED(MATHEMATICS)**



# EDUCATION

Education is a soul  
Which Harmonise the whole

Education invites us to be disciplined  
And it initiates us to be dignified

Education includes us to be determined  
Then inspire us to be diligent.

Education Nurtures us all  
And Nourishes our mind overall.

Education leads us to a sanctuary  
And prevents us from going again slavery.

With Education, we are in brightness  
Whichever lead us to Happiness.

Therefore...

Remember the past world of education  
Recollect finds Regain their imagination

And Renew life with inspiration.

Hence wake up all.

To strive for internal freedom.  
To stand for innovation kingdom.

**Sr. P. PRINCY**  
**I.B.ED(MATHEMATICS)**

## MISTAKE IS MISTAKE

If a *leader* makes a mistake, it is a *new movement*  
If an *engineer* makes a mistake, it is a *new construction*  
If a *filmmaker* makes a mistake, it is a *new trend*  
If a *scientist* makes a mistake, it is a *new invention*  
If a *musician* makes a mistake, it is a *new tune*  
If a *tailor* makes a mistake, it is a *new fashion*  
If a *painter* makes a mistake, it is a *modern painting*  
If a *barber* makes a mistake, it is a *new style*  
But if *I* make a mistake, it is nothing but a *mistake*

## YOUTH: DARING TORCHBEARERS

Youth, the pillars of society,  
The stanchion of the family;  
With daring heart  
Determined never to depart.

To face challenges is their courage,  
The threat to perform,  
The guide to march forward,  
To be the champion for a great change.

Opportunities popped up with  
Overwhelming exhilaration  
Online competitions and challenges for youth,  
To unleash creative skills and talents.

Pandemic restrictions and curfew,

Padlock of institutions and every other service

We face it with a valiant heart

To create adventures and etch new chapters in the pages of history.

**R. PRIYA**

**I B.ED(MATHEMATICS)**

## **EDUCATION**

The undiminished  
Anna gland  
Vessel!  
The sipper, the honeypot,  
The moon!  
Appearances of the  
Distant rainbow,  
Abdul Kalam sir's  
Beautiful weapon. I am trying with you  
In the search for the book  
in the room called  
The library and  
I am trying with you  
When the book kissed my pen  
Shame your cheek turned red!  
Even if I see the world in the palm of My hand, I saw you,  
Who measures the palm of my hand,  
As an educator in the endless Thirukkural!

**J.RAKAEL PARIMALA**

**I.B.ED( MATHEMATICS)**

## **INNOVATIVE TEACHING METHOD – TIP METHOD**

### **INTRODUCTION:**

Innovative teaching methods are not just about using the most cutting-edge technology in class or constantly catching up with the latest education trends, these are the teaching-learning method. They are all about using new teaching strategies that focus more on students. These innovative ones encourage students to join proactively and interact with their classmates and you – the teacher – during lessons. Students will have to work more, but in a way that meets their needs better and can help them grow faster. In this article, we are going to see about the **TPI Method**.

### **TPI METHOD:**

TPI stands for T for Thinking, P for Project, and I for Inquiry. By using this method students develop their creativity, problem-solving thinking, logical-based thinking, research skills, etc. Students should be more active in this method. All students work in groups or individually. This method is student-centered learning. This method involves six steps they are:

STEP 1: Provide questions/problems/scenarios related to real-life issues to the students

STEP 2: Find the needs of the solution

STEP 3: Think and Generate new and creative ideas

STEP 4: Implement in society and eliminate the non-suitable solutions

STEP 5: Repeat STEP 4 until students get the accurate solution

STEP 6: Gather Feedback and Make the Report

### **ADVANTAGES:**

Ø This helps students to develop their creativity

Ø As students get proper freedom to execute the project by their interest and abilities, because of which they get their psychological needs satisfied to a considerable extent.

Ø This method is not only subject-centered, but due importance is being provided to the students also

### **DISADVANTAGES:**

Ø This method takes a lot of time to plan and execute a single project.

Ø It is not possible to design different projects for different topics and it is also not possible to cover all the topics or content in a single project.

Ø For the proper execution of a project, a large number of financial resources are required

### **CONCLUSION:**

Creative teaching methods allow students to learn at their own pace and challenge them to brainstorm new ways to address a problem instead of finding answers already written in textbooks. Grades and exams can say something, but not everything about a student's learning capacity and knowledge

**K.ROOBKA**

**I B.ED.(MATHEMATICS)**

## **FIRST-YEAR LIFE OF COLLEGE**

It's time to say "Good – Bye"  
Our year has come to an end.  
We've made some cherished memories  
With all our friends.  
We've watched each other learn and grow  
And change from day to day.  
We hope that all the things we've done  
Will help us along the way.  
So it's with happy memories  
We all go out the door,  
With great hope and expectations  
For what next year holds in store.  
Time abides in mortal hearts  
In periods of joy and grief.  
A solemn ending marks a new beginning.  
Memories of old exit quietly,  
Life blooms upon a new flower  
To make an offering for one beyond

**S.SIVARANJANI,**  
**I.B.ED(MATHEMATICS)**

## **MODERN EDUCATION SYSTEM**

Modern education is the education given by schools and instituted today. Modern education includes current statistics and the latest study material. Since algorithms, strategies, and methods constantly change, modern education keeps up with the changes.

### **Importance of modern education**

Here is the purpose of modern education: to foster essential life skills, critical thinking, decision-making skills, and analytical competencies in its learners. To facilitate a positive approach towards diversity, inclusion, compassion, and a sense of responsibility in students.

### **Types of modern education**

In addition to listening, modern education includes writing, visualizing, imagining, and thinking skills. This type of education also includes written tests to examine if the students are learning properly or not.

### **Modern teacher**

Modern teachers should be willing to explore new technologies and the different ways they can improve teaching and learning. Technologies are constantly evolving and changing, therefore, teachers should be flexible and adaptable to stay up to date with changes in technologies that could support education.

### **Principles of modern education**

- Encourage contact between students and faculty.
- Develop reciprocity and cooperation
- Encourage active learning
- Give prompt feedback
- Emphasize time on task



## Advantages of modern education

Modern education is a dynamic way of learning enabling students to learn a lot faster. The interaction between students and teachers helps students understand better. Enabling students to participate in physical activities to improve their efficiency is another advantage. Those who get an education have higher incomes have more opportunities in their lives, and tend to be healthier. Society benefits as well. Societies with high rates of education completion have lower crime, better overall health, and civic involvement. Lack of access to education is considered the root of poverty.

## The disadvantage of modern education

Lack of social interaction. Modern education which is technology base has affected social interaction among students a lot. They feel less motivated and lack peer interaction and motivation. Sometimes they feel bored as there is not much communication between teachers and peers.

## Impact of modern education

Local language and literature become famous. New social and religious reforms emerged. Indians become proficient in the English language. Modern education allows students to do a lot more than just learn and helps them become more social and interactive. Co-curricular activities, drama, and art in education, and reception activities in education help students to become creative, industrious as well as the part.

**M.SANGEETHA**  
**I.B.ED (MATHEMATICS)**

## **CLIMATE CHANGE**

Climate change is the change in the environmental conditions of the earth. Climate change is a critical problem in the world today, This is due to many internal and external factors. This climate change affects life on the earth in various ways. These climate changes have various impacts on the ecosystem and ecology. Due to these changes, several species of plants and animals have gone extinct.

Climate change happens due to human activities. We started researching climate change and came to know that the earth's temperature is rising due to a phenomenon called the greenhouse effect. Greenhouse gases such as carbon dioxide and methane play a vital role in the rising of the earth's average temperature. The warming up of the earth's surface causes ozone depletion, affecting our agriculture, water supply, transportation, and several other problems.

Climate change leads to global warming. It is the phenomenon in which the earth's average temperature rises. The main causes of climate change are carbon emissions, coal industries, vehicles, factories, burning of fossil fuels, deforestation, and pollution. Pollution is caused due to an increase in population and their greed to lead a convenient life. When harmful emissions are released into the air and the protecting layers like ozone starts depleting and this allows the entry of harmful solar rays into the atmosphere and thus leads to a rise in temperature.

Extreme climate change results in floods, droughts, and other climate disasters. It leads to the melting of glaciers and a rise in sea levels. Climate change brings rise to many dangerous diseases and epidemics as well. It harms all kinds of life including humans, birds, plants, and animals.

We have to start living a sustainable life to conserve our natural resources and the planet. We need to make everyday changes to curb the effects of climate change by using renewable sources of energy of solar or wind for electricity and other needs. Plantation of trees, reduced use of fossil fuels, controlled vehicle, and industrial pollution are the solutions for climate change.

**GEETHA A**

**I.B.ED. (BIOLOGICAL SCIENCE)**

## **WOMEN'S EDUCATION**

Education is very necessary for every child whether boy or girl. It helps a person study new things with skill and learn about the facts of the world. Education plays an important role in the protection of women's rights. It also helps to prevent discrimination based on gender. Education increases productivity in their work. An educated woman has skills, information, talent, and self-confidence that make her a better mother, employee, and resident of the country.

### **POVERTY:**

In developing countries, poverty is one of the major problems. Though education is free the cost of sending children to school is very high. It includes school uniforms, books, etc. which is very high for families living below the poverty line. Even if they cannot afford a daily meal, educational expenditure is very distant. This is the reason parents like to keep their daughters at home.

### **CHILD MARRIAGE:**

In Indian society, cases of child marriage are still present. A girl is forced to marry early and is often taken out of school at a very young age. People generally think that girls learn only domestic tasks. His contribution to household chores is more valuable than his education. In this way, they give all their time to the family and have no time to educate themselves. But the educated wife will reduce the burden on her husband by sharing a job. The educated wife will be sharing a job. The educated wife will educate her children about their rights and moral values.

### **IMPORTANCE OF WOMEN'S EDUCATION:**

1. Better standard of living
2. Decreased mortality rate
3. Achievement of self-honor

### **CONCLUSION:**

The importance of women in matters of building the character of citizens, economic reconstruction of the country, and social reforms is being realized today. The problem faced by women cannot be abolished in one day. Government policies work only as long as the people are being supportive

**P. JANE ALDEA**

**I.B.ED( BIOLOGICAL SCIENCE )**

## **HISTORY**

I tell you what you know not that  
All stories will not become his story  
Yes ,all stories will not become history  
History needs three of its stories  
Yes Three persons can make history  
Writer ,reader and the leader  
Yes leader who leads to write or read  
Needed for a Leader be a successful person  
But not natural all the subsequent process  
You and I can be a leader to create history  
If faithful to the Ultimate T “Truth”  
And our story will become history  
If he the writer and the reader are happy after our death  
You are his story for his history

**Sr.S.GLORY**

**I.B.ED(HISTORY)**

## அம்மா

என் முதல் அழகையில்  
அவள் சிரித்தாள்..!  
எனக்கு வலித்த போது  
அவள் துடிப்பாள்..!  
அவள் மடி சாயவே  
நான் பிறந்தேனா..!  
அவள் தொப்புள்  
கொடி சொந்தமாக..!  
முத்தங்கள் ஆயிரம்  
அவள் கொடுக்க சத்தம்  
இன்றி அவள் அன்பும்  
கொடுத்துப் போனால்..!  
நித்தமும் அவள்  
சிரிக்க நான் எத்தனை  
பிறவி எடுப்பேனே  
அவள் பிள்ளையாக..!

ர.ஆர்த்தி

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

## அழகு

அழகிய காட்சியைத்  
தேடாதீர்கள்...

காணும் காட்சியை

அழகாக்குங்கள்...

வாழ்க்கை அழகாகும்!!!

செ.ஆதீஸ்வரி

கல்வியியல்முதலாமாண்டு

தமிழ்த்துறை

கல்வி

அள்ள அள்ளக் குறையாத

அட்சயப் பாத்திரம் தான் கல்வி!

அறிவு எனும் பெட்டகத்தைத்

திறக்க உதவும் ஒரே சாவி தான் கல்வி!

அறியாமையை அகற்றி,

அறிவைக் காட்டும்

அற்புத விளக்குத் தான் கல்வி.

பா.துர்க்கா

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

### மீனவனின் மணம்

ஊழிப்பெருங்காற்றை வீசி ஆழிப்

பேரலைகளென வந்து ஆழ்கடலுக்குள்

இழுத்துச் சென்றாளோ எம் உயிர்களை...

அலைகளின் அலையாய் ஆட்டம்

போடுவது படகு மட்டுமல்ல...

இவனின் வாழ்க்கையும் தான்.

உப்புக் காற்றை சுவாசித்துக் கொண்டு

செல்லும் அவன் திரும்ப வந்தால் மீன்

உண்ணலாம்...

இல்லை எனில் மீன் அவனை

உண்ணும்!!!

உப்புக்காற்று பட்டால் இரும்பும் இத்துப்

போகும்

ஆனால் அது மீனவனுக்கே மட்டும் ஒத்துப்

போகும்.....

மு.காயத்ரி

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

### இலக்கணம்

இன்பத்தமிழின் இம்சையவள்!

தமிழன்னையின் தங்கமகளாய்

தமிழ்ப்புலவர்களின் தாகமாய்த் திகழ்பவள்!

தாய்மொழியின் தேனடையாய்

தவறுகளைக் களைக்கும் தேவாமிர்தமாய்

தவமிருந்தாலும் கிடைக்காத தலைமகள்!

திண்ணத் திண்ண தெவிட்டா தின்பண்டமாய்

தீராத கொள்கையுடன் நாளும் தளிர்பவள்!

தமிழ் மொழியை தரணியெங்கும்

தழைக்கச் செய்ய

தளர்வின்றி முயற்சிக்கிறாள்!



இளமைத் தமிழின் ஈச்சை இலக்கணம்!!!

ஆ.ஜெனிபர் புஷ்பம்  
கல்வியியல் முதலாமாண்டு  
தமிழ்த்துறை

### இன்றைக்கும்

இன்றைக்கும்...

பயணத்தில் மறந்து பறந்த

துப்பட்டாக்களும் அதைச் சரிசெய்ய

துரத்தி வரும் முகம் தெரியா உறவுகளும்

இன்றைக்கும்....

சாலையோர நடைமேடையை தன்

அரண்மனையாய் பாவித்து வாழும்

ஆதரவற்றோராக மாறிய நம் மூத்தோர்கள்

இன்றைக்கும்....

பாருலகில் பெண்கள்

பல துறைகளில் இருந்தாலும்

பலரால் பார்வையிடப்பட்டே இருக்கிறார்கள்.

ஆ.ஜெனிபர் புஷ்பம்

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

### காலத்தை களவாடப் போகிறேன்

பொழுதுகளைக் களவாடப் போகிறேன், ஆம்!

பொருளற்றுப் போன பொழுதுகளை,

பொறுப்பற்று இருந்த அந்தப் பொன்னான

பொழுதுகளை, களவாடப் போகிறேன்!

காலப்போக்கில் மாறும் என்று கரைத்த

காலத்தை, களவாடப் போகிறேன்!

நிறைவில்லாமல் நகர்ந்த நிஜங்களையும், நிறைவேறாத

நிகழ்வுகளையும், நிலையற்ற மனிதர்களுடன்,

எல்லையற்ற ஆசைக்காக, என்னை நானே

ஏமாற்றிய காலத்தை, களவாடப் போகிறேன்!

எதற்காக இந்தக் களவாடல்!!!ஆம்!

எண்ணி எண்ணி களவாட வேண்டும்.

காரணம் இன்றி கழிந்த பொழுதின்

காரணத்தை உணர்ந்து விட்டேன்.

காலதாமதம் இன்றி இன்றே புறப்படுகிறேன்

காலத்தை தாமதமின்றி களவாட...

ஆ.ஜெனிபர்புஷ்பம்

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

### தன்னம்பிக்கை

வானமெங்கும் சூழுகின்ற

இருளைக் கண்டு

நட்சத்திரம் ஒடி எங்கும்

ஒழிவதில்லை..!

தோல்விகளே வாழ்க்கை என்று

முடிவதும் இல்லை..!

மு.கீர்த்தனா

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

புத்தகம்

தொட்டுத் தொட்டு பார்த்தால்

அது வெறும் காகிதம்

தொடர்ந்து படித்தால்

அதுவே வெற்றியின் ஆயுதம்...!

மு.கீர்த்தனா

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

ஏழையின் குரல்

சிட்டிசன்

படத்தில் வரும்

தொலைந்து போன

அத்திப்பட்டி நான்.

பொய்கள்

என்னும் வைக்கோல் நிறைந்த

பெருங்குவியலில்

தொலைந்து போன

உண்மை

எனும் ஊசி நான்.

சாப்பாட்டை மூன்று வேளை

சரியாய் உண்ணத் துப்பில்லாத

சாமானியர்கள் வாழும் நாட்டில்

முவாயிரத்து ஐநூறு கோடிக்கு....

சிவாஜி இருந்திருந்தால்

சிரித்தே செத்திருப்பார்!!!

என் சொத்தை விற்று

எட்டு வழிச் சாலை...

என் மூச்சை விலை பேசி

எரித்தும் புகைக்கும் தொழிற்சாலை

இருக்கும் குடிமக்களை

பசி, போராட்டம், பிரச்சனை, என்று

அலைகழிக்க விட்டு விட்டு,

யாருக்காக இந்த அலங்காரமெல்லாம்?

மாடாய் பிறந்திருந்தால்,

இந்நாட்டில் பிழைத்திருப்பேன்.

மனிதனாய் போய்விட்டேன்!!!

பழைய ஐநூறு ரூபாய்

நோட்டை போல்....

தி.கௌசல்யா

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

### விவசாயி

செங்கதிர்க்கொண்ட கதிரவனே!!!

நீ எப்பொழுது வருவாய்?

நாங்கள் பசித்த வயிற்றுக்கு

அன்னம் அளிக்க வேண்டும்.

ஒரு விஞ்ஞானி வேண்டும் என

நினைத்த நாட்டிற்கு,

ஒரு விவசாயி வேண்டும் என நினைக்க நேரமில்லை!

ஏவுகணை விடுவதற்கு இடம் தரும் நாடு!!

ஏர் உழவும் விவசாயத்திற்கு

தண்ணீர் தர மறுக்கிறது...  
ஒரு விஞ்ஞானி மடிந்து போனால்  
அவன் வாயில் இடும் வாக்கரிசிக்கு,  
ஒரு வருடம் முழுவதும் வயல் வேலை  
அவன் பார்க்க வேண்டும்  
ஒரு விவசாயியாக; விவசாயம் காப்போம்!

தி.மேகவர்ஷினி.  
கல்வியியல் முதலாமாண்டு  
தமிழ்த்துறை

அம்மா

உயிர் விதையின் பிறப்பிடமே!  
உயிர் எழுத்தின் முதலிடமே!

கடவுள்தந்த உயிரென்று சொல்லவா!  
கடவுளினும் உயிரென்று சொல்லவா!

உருவம் அறியா கருவிலும்  
என்னை காதல் செய்தவளே!

பூமி என்னை தாங்கும்முன்பே

பூவாய் என்னை தாங்கியவளே!

நீ பட்டினியாய் இருந்தாலும்

எனக்குப் பால்கொடுக்க மறந்ததில்லை!

உடல் பிணியே வந்தாலும்

உழைக்காமல் இருந்தது இல்லை!

பிறக்கும் போதே உன்வலியை

உணர்ந்தே தான், அழுதுநான் பிறந்தேனோ!

உன்னைப்பற்றி எழுதாமல் நான்யெழுதும்

எழுத்துக்கள் தான் கவிதையாகுமோ!!!

ந.நிவேதா

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை



## ஆசிரியர்

அறிவைப் புகட்டுவதில் அன்புத் தாயானாய்

ஆக்கத்தைக் கற்றுத்தந்தாய்

இன்பமாய் கல்வியை மாற்றினாய்

ஈகை செய்து வாழ உதவினாய் உள்ளத்தை உழுது உண்மையை  
விதைத்தாய்

ஊக்கமாய் வாழ வழி செய்தாய்

எதிர்மறை எண்ணங்களை நீங்க செய்தாய்

ஏற்றத்தில் என்னை ஏற்றிவிட்டாய்

ஐயத்தை நீக்கி செயல்பட வைத்தாய்

ஒற்றை வானின் உச்சம் தொடவைத்தாய்

ஓயாத ஞானத்தைப் புகட்டினாய்

ஒளவை பேசிய அருமைத் தமிழை கற்றுத்தந்தாய்

அஃதே நீங்கள் மட்டுமே சிறந்த ஆசிரியர் என்று என்னையும் நினைக்க  
வைத்தாய்

கல்வி இன்றி வாழ்க்கை இல்லை அதை உணர்ந்து விட்டால் கவலையில்லை

சி. பூலம்மாள் தேவி

கல்வியியல் முதலாமாண்டு

## உழவனும் ஓர் அன்னையே!

தடம் பதிக்கும் முன் வணங்கி இறங்கி  
ஏர் கொண்டு மென் தரை செய்து  
கரம் கொண்டு விதைகளைத் தூவி  
நிலம் குளிர நீரினை இறைத்து  
துளிர் விட்ட நாற்றின் இடர் நீக்க  
களை என்ற கொடியோனை நீக்கி  
தான் விதைத்தக் கதிர் அனைத்தும்  
தலைசாய்த்து இசைக்கும் மொழியை  
செவிகொண்டு கூர்ந்து கேட்ட வண்ணம்  
அறுவடை நாள் நோக்கி...  
நிலம் மீது நிழல்படர  
நாள் பார்த்து ஏங்கி நிற்கும்  
உழவனும் ஓர் அன்னையே!

க.பிரியதர்ஷினி

கல்வியியல் முதலாமாண்டு

தமிழ்த்துறை

கல்வி

இருளில் இருந்து வெளிச்சத்தை

நோக்கிப் பயணிப்பதே கல்வி!

கல்வியின் மிக உயர்ந்த

குணமே சகிப்புத்தன்மை!

குறைவான கற்றல்

ஒரு ஆபத்தான விஷயம்!

கல்வியின் அழகான விஷயம்

என்னவென்றால்,

கல்வியை உங்களிடம் இருந்து

யாரும் பறிக்க முடியாது.

கல்விச்சாலை ஒன்றை திறப்பவன்

சிறைச்சாலை ஒன்றை மூடுபவன்!

மனிதர்களிடம் இருந்து

திருட முடியாத மிகப்பெரிய

சொத்து கல்வி!

கல்வி எனும் வித்து

அழிக்க முடியாத சொத்து!

அள்ள முடியாத முத்து!

கல்வி இல்லையேல்

காரியம் இல்லை.

காரியம் இல்லையேல்

ஊதியம் இல்லை.

ஊதியம் இல்லையேல்

வாழ்க்கை சாத்தியம் இல்லை.

அள்ள அள்ள குறையாதது,  
தெள்ளத் தெள்ள தெளிவது,  
சொல்லச் சொல்லப் புளிக்காதது,  
மெல்ல மெல்லத் திகட்டாதது!!!

மு. சத்யா  
கல்வியியல் முதலாமாண்டு  
தமிழ்த்துறை