

NEW WIND OF NEW AGE

In the changing world, in its new glare, the mood of life and the speed with which its behavior is changing is amazing. New possibilities full of uncertainty are seeing the new face of this changing society. These days a new language of the society, new outlook, new social beliefs and new practical values are being prepared in the changing society. With rapid change in the way of life, it seems that everything has changed.

In our nation for centuries, the marriage of a daughter is considered as a Kanyadaan, but the educated girls of new generation are moving ahead with scientific thinking. Recently, a news caught attention of the entire country, in which an IAS girl did not let her parents donate her during marriage. She told his father that I am your daughter, not an object of charity. Apart from this, all other rituals took place in this marriage and before this, marriage was also done in the court for legal recognition of modern marriage, but Kanyadaan was avoided.

The move, which is a fundamental right to women's freedom, has been seen as a loud voice against the orthodox traditions that prove women to be inferior. In fact, it happened for the first time in Narsinghpur district of Madhya Pradesh that in marriage, the girl was sent away from her father's house for new direction of her future life. It can be considered a good initiative and a sample of healthy tradition. We have many such rituals and old traditions in the tradition of charity, by which many things have been authorized as the object of charity. But now times have changed and beliefs are also changing. The new young society of the changing world is writing a new chapter of the new society and is transforming the new values of life with its freedom and adaptability. Tradition of donating a girl to charity is not mentioned in any of our texts. When such new incidents break such traditions, it also gives a call for a new direction to the new society of the new generation. A new definition of the relation of equal harmony with special rights should be fixed for the new information of the society, in which there is no such thing as charity. However, it should be such a stage of the beginning of a new life, in which marriage is not a social bond and burden. A father sends his daughter to the new world, which is her own world, and not donates. This is the new wind of the new age and the future of new India.

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OFF 'D' CUFF

World needs spirituality now more than ever

The world is going through tremendous turmoil. It is driven by excessive greed for resources and energy which is fueling unsustainable living and could be one of the major causes of earth warning and pandemic.

This century, it seems, is also the century of extremists and fundamentalists. Whether they are religious fundamentalists, extreme right-wingers, or hardcore supremacists – they are all driven by hatred, extreme control, and excessively unreasonable behavior.

Thus all over the world we are witnessing the rise of dictators, strong arm rulers and corrupt leaders. Together with this has been the spread of pandemic which has exacerbated the situation further since these controlling and dictatorial leaders have used it to further consolidate their hold on power.

Why has the world moved to such a perilous thought process? And what has happened to the sane and sober voices?

I believe, it has to do with the tremendous insecurity that mankind faces. Increased population pressures, stress of daily life, increased expectations fueled by social media together with the need for instant gratification adds to this insecurity. This in turn fuels the greed impulse and for some who have power and resources this impulse is enhanced.

The instant gratification and instant feedback on social and other media make us react to events rather than thinking about them. This reaction leads to insecurity and irrational behavior where the eventualities are not thought of and evaluated. This together with increased choices and easy availability of material goods fuels the greed impulse further.

One of the best ways to reduce greed and insecurity is by practicing spirituality. Greed is an outcome of the desire to possess. It is a part of the evolutionary process, and every human being wants to have resources for distress times. In the absence of wisdom this degenerates into hoarding impulse and greed. By practicing spirituality one can get wisdom to understand that we should use things for our needs and not for our greed as Mahatma Gandhi once said.

Spirituality

So what is spirituality? Spirituality is concerned with the matters of spirit. When we think deeply and for a long time about anything whether it is an idea or an object then the brain has a tendency of focusing on it like a laser and in that process the object vanishes from the vision field and only its germ or the spirit remains. Then complete knowledge of that idea or object results and is called Sanyam by sage Patanjali.

This is the mechanism by which all great discoveries are made. It is this deep thinking on anything which makes our brain very powerful makes us spiritual and gives us a sense of peace and happiness. It also gives us a sense of perspective on what is important in life.

Spirituality is not religion. It is the state of mind that makes us understand that the Truth is beyond the barriers of worldliness, religion, caste, creed, race, or geographical boundaries. It connects us to marvels of nature in a deep way and subsequently to Universal Consciousness or the mind of God.

Spirituality also helps us to have a compassionate view of nature and as we evolve spiritually, we become more tuned to it which helps us in preserving it. Besides it gives us a sense of connection to other living beings and thus helps us to live in harmony with each other and enables everybody to work together for the common good. This is also the genesis of non-violence and is connected deeply with spirituality. In all religions the respect for nature and life and hence non-violence is preached, and the maxim of simple living and high thinking is ingrained in their teachings.

Sustainability issues. Mankind is also realizing that the present pandemic could be because of stress and unsustainable lifestyle that we follow. Both these things reduce our immunity and make us prone to getting infected by viruses. Our present competitive world puts pressures on individuals all the time. Over achievers and ambitious people have more stress since they are fighting to achieve their goals. Most of the times achievement of goals is a difficult task and requires considerable nervous and physical energies leading to stress.

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Anil Rajvansh

Valley political parties on same page

■ OMKAR DATTATRAY

It is neither queer nor unexpected that valley political parties are on the same page so far as the opposition to the draft recommendations of the delimitation commission are concerned. This should not perplex anybody as the opposition is on expected lines. All the political parties are opposing the draft recommendations with one voice and this way they have been exposed before the countrymen.

The different valley based political parties are up in arms against the proposed recommendations of the delimitation commission and have vowed to protest against these recommendations.

It is very disturbing that the regional political parties are in unison to protest against the proposed recommendations though they have made it clear that they would protest separately but protest they will for so called rights of the Kashmiris.

These political parties and their leaders are blowing hot and cold on the draft recommendations of the delimitation commission.

It is not for the first time that the valley based political parties are opposing the proposed recommendations of the delimitation commission but whenever any institution of the nation performs any work and gives any solid recommendations, the regional political parties with one voice oppose the same. So the present case of the opposition to the recommendations of the delimitation commission is not on unexpected lines but is as expected and it does not surprise anyone.

The political parties of Gupkar alliance with one voice are opposing the recommendations of Delimitation Commission.

The spokesman of Gupkar alliance M Y Tarigami has criticized the recommendations of the delimitation commission and has termed these draft recommendations as divisive and against the interests of the Kashmiris.

Gupkar alliance outrightly rejected the proposed draft recommendations and has also made it crystal clear that they are going to protest against the recommendations and will make their stand clear.

The peoples' alliance for Gupkar decla-

ration-PAGD has announced that they will hold a peaceful protest against the proposed recommendations of the delimitation commission in Srinagar on January 1, 2022 to press for their demands so far as they relate to the proposed recommendations.

The Gupkar alliance has made it clear that they will fight for the rights of Kashmiris and will not allow anybody to infringe their rights and tinker with them.

But the only satisfaction is this that Gupkar alliance has clarified that they will protest against the recommendations in question in a peaceful and non-violent manner and this is the plus point of the proposed protest of the Gupkaris.

Not only the PAGD will protest against the proposed recommendations but the Apni party of the disgruntled ex-minister earlier belonging to PDP, Altaf Bukhari who had left the party some-time back and has formed his own political party will also hold the protest demonstration against the recommendations of the delimitation commission on December 26 by wearing black badges thereby criticizing recommendations of the delimitation commission. Founder and chief of Apni Party Altaf Bukhari said that the recommendations of the delimitation commission are against Kashmiris and will further alienate the Kashmiris from the national mainstream besides widening gap between the different regions of the union territory. The president of national conference has said that the party will file a suit against the recommendations of the delimitation commission in the apex court of the country little knowing the fact that the recommendations of the delimitation are non-challengeable in the court of law as the Delimitation Commission is an autonomous body and its recommendations cannot be fought in the courts as delimitation act provides that the findings and the recommendations of the delimitation commission are supreme and cannot be challenged in the court of law.

The fact that the delimitation commission and its recommendations cannot be challenged in the court of law was also pointed by the peoples conference president Sajjad Gani Lone while exposing

the national conference and its stand of fighting the case against the recommendations of the delimitation commission.

The PDP president Mehbooba Mufti has also criticized and opposed the proposed recommendations of the delimitation commission and she has gone further and has said that the delimitation commission has worked on the directions of the BJP and it is BJP's commission and through the proposed recommendations of the delimitation commission the BJP will make it possible to form a BJP government in the union territory and therefore the PDP is opposing the proposed recommendations of the delimitation commission tooth and nail and the party will fight for the cancellation of the biased recommendations.

Since the accession of the Jammu and Kashmir with India, there is Kashmiri hegemony and monopoly over the Jammu interests and the Kashmir based political parties treat Jammu as their colony and thus infringe the genuine rights of people of Jammu region.

The balance of the assembly seats is tilted in favor of Kashmir as there are forty seven seats for the Kashmir province and only thirty seven seats for the Jammu province in the assembly and this is a glaring political discrimination with the Jammu region and the political parties of Kashmir should realize this that the apple cart is in favour of the Kashmir and when some sincere efforts are made by Delimitation Commission it is opposed by the regional parties of Kashmir and this is very disturbing and this should not have happened.

The delimitation commission is an autonomous institution and it works independently and it is in no way the mouth piece of BJP but is the autonomous body and it cannot be influenced by the party in power and therefore it is factually wrong to say that the delimitation commission works as per the whims of the BJP and this criticism of the PDP is untenable and unjust and is baseless.

The delimitation commission has recommended six assembly seats for the Jammu region and one seat for the Kashmir region and there is no wrong in this recommendation but unfortunately

the valley based political parties are up in arms against the proposed recommendations of the delimitation commission but this has no base and it is not valid criticism.

The PAGD has said that the proposed recommendations of the delimitation commission will further widen the gap between Kashmir and Jammu region and it will lead to strain in the relations of the two regions and its people and one region will fight with other for its rights and thus the recommendations are unacceptable and these are bereft of any value.

Jammu-based political parties like the Panthers party and Shiv Sena has also opposed the proposed recommendations of the delimitation commission and they demanded at least fifty assembly seats for the Jammu region to be at par with the Kashmir otherwise the hegemony of Kashmir will continue to rule the roost.

Therefore when some sincere efforts are made by the delimitation commission to foster some equality and justice between the regions of the UT much hue and cry is made by the vested political parties.

The fact is that there is no wrong in recommending six assembly seats to Jammu region and one seat to Kashmir division and this should not become a matter of criticism and opposition but all the political parties should gracefully accept the proposed recommendations of the delimitation commission so that the exercise of the delimitation is carried to its conclusion so that the assembly elections to the Jammu and Kashmir UT are held at the appropriate time most probably after the winter.

In brief, it can be said that all the political parties of the valley are on the same page so far as the opposition to the proposed recommendations of the delimitation commission are concerned.

Let the saner element prevail on the political parties of the Kashmir valley so that they desist from opposing the proposed recommendations of the Delimitation Commission.

(The author is a retired Education Officer and Columnist).

Fear of mathematics among students

■ R K SINHA

In a somewhat ceremonial manner, on 22nd December, the country celebrated National Mathematics Day like it does every year. It is commemorated annually in the same way as one would carry out a routine. Except for this day, there is always an atmosphere of panic in our society regarding significant subjects like mathematics. A stereotype has been established that it is next to impossible to understand mathematics effortlessly.

The new generation of our nation lacks interest and inclination towards mathematics. Unfortunately, most of those who are studying maths are doing so under circumstances of it being a binding prerequisite to pursue careers in engineering or the IT sector.

Therefore they have a limited understanding of mathematics. Many reasons account for this. Firstly, unlike other subjects, mathematics is a subject based on certain methods/procedures and formulas.

Secondly, owing to the country's poor education system and half-educated teachers, the youth have always kept mathematics at arm's length. Here, the environment for studying and teaching mathematics was never nurtured fittingly.

There is no relation being established between maths and students. Even in the coaching institutes, the methods of solving the questions given to the children do not inspire them to understand the problem in-depth and find new ways to solve it. This is a very worrying situation. It is

not understood why in the great mathematician Srinivasa Ramanujan's country, such a misconception has been created about an interesting subject like mathematics of being a complex subject. His birthday is observed as National Mathematics Day.

It is necessary that inspired by the life of Ramanujan, we should foster an environment to study mathematics.

Nowadays, the major chunk of the jobs is in information technology i.e., the IT sector. To be successful in this field, a person needs to be a good student of mathematics.

Working in IT is not possible without maths. We have to appoint very promising maths teachers in our schools and colleges, who not only love maths but also teach maths to their students with immense passion and love. One cannot teach mathematics in the same manner as history or political science.

It is the great responsibility of the teachers of mathematics that they should teach their students patiently while fulfilling their roles to make math interesting. Explain a chapter until the students understands it.

They have to keep improving themselves continuously. They have to constantly find ways to impart knowledge in interesting ways. Our mathematics teachers, both new and old, have to admit that there is a reason why our students tremble at the mention of mathematics. This topic frightens students.

There is no feeling of any kind of love and enthusiasm in their minds regarding the key subject. Instead of feeling bad,

our teachers have to take some responsibility for this situation. I have come across many people who say that during their school days they used to indulge in maths outside of class.

He did not go to class because he did not understand anything there.

The simple idea is that the teachers, as well as the students, will have to work extra hard on mathematics. One cannot memorize mathematics like other subjects.

One has to understand mathematics and work hard to get a stronghold of the formulas and principles of mathematics. Once one starts enjoying maths, they will have the power to conquer the world. Remember that it is impossible to master maths without practice.

To master maths, one needs to practice consistently.

The precept of society about mathematics is also very disappointing.

For instance, Neena Gupta, Professor of Mathematics at the Indian Statistical Institute (ISI), Kolkata, has been awarded 2021 DST-ICTP-IMU Ramanujan Prize for Young Mathematicians from Developing Countries for her outstanding work in algebraic geometries and commutative algebras. The special thing is that Neena Gupta is the third woman across the globe to win the Ramanujan Award. But there was no discussion of this noteworthy news anywhere.

The media redirected the entire country's attention to the winner of the Miss Universe title. Indeed, the winner of the Miss Universe title also brought laurels to the country but, it cannot be consid-

ered right to completely ignore the achievement of Professor Neena Gupta, who is working in the field of teaching. Where will this tendency to weigh everything on money scales take us? However, one thing every student and parent knows is that there are many opportunities for those who are good at maths to have career opportunities in medical, engineering, and as chartered accountants.

There is nothing better than this. It is not possible to do many courses without mathematics. Without mastering mathematics, you do not know many important topics.

It is said, "That mathematics is the heart and soul of biology." If one's maths is strong then biology will be easy to understand. Similarly, psychology can neither be understood nor taught without understanding mathematics. Now the capabilities of the competing team are studied in depth to win any major event.

That is possible only when you understand certain mathematical concepts.

One must understand that mathematics is an essential tool of science and technology. Along with this, physics, chemistry, astronomy, etc. cannot be understood without mathematics. India must prove the notion that it is not afraid of mathematics.

There is a need to inculcate a sense of curiosity towards mathematics. Our mindset about mathematics so far has been pessimistic and saddening. That needs immediate metamorphosis.

(The author is a Senior Editor, Columnist and former MP).

YOUR COLUMN

Remembering God of Physics-Albert Einstein

Dear Editor,

The father of physics Albert Einstein was born on 14 March 1879 in Ulm, Germany, he moved to Munich with his family at a young age. His mother was very fond of playing the piano, so Einstein learned to play the piano from his mother. His father used to do his own business, which was established in Munich as a factory to make electrical goods. In childhood, Albert Einstein did not find anything such that it could be known later. That he would become a great scientist Albert Einstein (Father of Physics) was weak in reading and writing in his school, so his teachers called him a fool. But later his conjecture proved to be completely wrong. Albert Einstein (Father of Physics) had learned geometry and a function at the age of 12, the reality is that he was very intelligent. Geometry and functions are the most difficult branches of mathematics. And it is taught in 10th standard. When Einstein turned 16, his father wanted him to take over his ancestral business, but Einstein wanted to continue his mathematics and physics studies and wanted to fulfill his desire to become a teacher of physics, he took admission in the Polytechnic in Zurich, Switzerland,

where he passed the examination with good marks and got the teacher's certificate, while studying there he met Mileva Marek. After graduation, Albert Einstein (Father of Physics) made constant attempts to get a teacher's post but he was unsuccessful. After being forced, Einstein worked as a clerk in the Swiss Patent Office in 1902, but from there he did not get much salary.

But due to more work there, he used to get time to study. He spent every moment in the time of 3 years in preparing the formulas that gave a new interpretation of 'time and space'.

During the time he used to get in the Patent Office, he used to fill many copies of equations and numbers on his table, at the age of 26, in 1905 AD, he published his 'Theory of Relativity'. This theory of the world which became famous was considered by some scientists to be very important in history and the then scientists welcomed this theory but told many inaccuracies in it. This dispute ended in AD and Albert Einstein was accepted as a mathematician Albert's theory of relativity was very difficult but it solved many questions.

What had confused mathematicians and physics for years was the new foundation that fueled research and study. Once Einstein (father of physics) was called to give a speech at the university and the professor there gave the analogy of Copernicus to Albert, after which Albert started working as a professor of physics at the University of Berlin in 1914. Albert Einstein (father of physics) received the Nobel Prize in Physics in 1921.

In year 1933, there was a sudden change in Einstein's life. Adolf Hitler became the dictator of Germany, Hitler committed a lot of atrocities on the Jews. Albert Einstein raised his voice in protest against the brutality of Nalsi, after which Hitler confiscated Einstein's house and announced a reward for Einstein's arrest. But at that time Albert Einstein was out of Germany for his lectures.

Thus Albert Einstein (father of physics) became a refugee. Once Einstein received an invitation from America, which was written by the Institute of Higher Studies in Princeton, New Jersey, in which it was written that - 'We will consider ourselves blessed to have you as a life member'. Einstein accepted this invitation and he left for Princeton, after which he worked there for his life. Einstein became a person of identity on the college campus. He loved children very much. Time was spent playing the violin with his friends, after which Einstein took American citizenship in 1904 AD, America ended the war by detonating the atomic bomb in 1945 AD. The atomic bomb was based on the initial findings of Einstein.

Matter can be converted into energy and energy into matter. Einstein proved the scientist wrong who said that 'matter cannot be created nor destroyed'. Albert Einstein requested all the countries to establish a peaceful government together so that there is no possibility of nuclear war in future. Albert Einstein's theories gave an important explanation of laws of gravity and electromagnetism.

Vijay Garg.