

Quarterly Magazine

VACHIKA

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Blessings from CHAIRMAN



There is no limit to human learning. The more you learn, the more you exhibit your preparedness by doing the same thing more meticulously. Your preparedness for life largely depends on how you can handle the things that come before you. Your actions at that time largely depend on the level of learning that you acquire over a period of time. So, it is expected one should be a continuous learner. Reading and writing shape our thought process. That again helps us to apply it in a real life situation to gain its momentum. Our actions in each and every situation help us to build our future. I am happy to learn that we came up with our first literacy magazine, 'Vachika' with a desire to create an upbeat platform for the Koustuvians, to explore their creative facets more frequently, where both the readers and contributors will benefit immensely.

Er. Prabhat Ranjan Mallick
Chairman
Koustuv Group of Institutions (KGI)




Vachika is a powerful platform to explore the unexplored. It invites your creativity. Writing may be an art for some, but a simple practice in that direction may increase your chances of seeing things differently. This will deliberately break your normal patterns of communication, thinking, reacting and responding to situations. There will be a deliberate effort to engage, with some frequency, with the literature and words of wisdom. This will dramatically change your perception of you. We are all capable of breaking our thinking patterns and developing new ways of thinking. I hope this first publication of our literary magazine, Vachika, will come up with good solutions to problems in your habitual mode of thinking.

Namita Mallick

Vice Chairman

Koustuv Group of Institutions (KGI)



Literature has always been part of our lives and its relevance in modern society is undeniable. It is still with us, forming critical parts of today's curriculums, so it forms an important part of our education. Reading and writing have been drilled into all of us from an early age. From being able to empathise with this notion, we came up with our quarterly literary magazine, 'Vachika', keeping in mind from a student's perspective, to enhance their necessary skills. This magazine is going to help our students step back in time and learn about life. We know they have the power of words to spark meaning, change perceptions, and spark movements.

Koustuv Mallick

Executive Director

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All you need in life is confidence and determination and then triumph is for sure. The confidence and determination will come from an indomitable will to do something creative. Creative is nothing but doing things differently. With that different approach uniqueness happens. That unique creation may or may not be beneficial to all but it is unique in nature. It is the time to determine whether our unique creation is a blessing or blessing in disguise. But believe in yourself no matter what others say. And if you do not do so, it will be tough for you to sustain on this earth. Life is not always easy, but to make it simple, all you have to do is keep fighting the odds. Stand for yourself, even if you are alone in the battle.

One of the best ways to express yourself is to keep writing about all the vibrations that are in your mind. Every writing is unique itself that flows through our mind. The mind and its tremor are always beyond our control. Those who are able to tame, even for a small duration, become a genius. To make all of your genius, we have come up with our in-house literary magazine 'Vachika' to showcase your beautiful inner feeling with your creative writing.

Prof. (Dr.) Subrat Kumar Mohanty
Editor, Vachika

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THE SUPREME SPIRIT

The exposition of Purusha. An elaborate allegory of the tree of life - the relationships of action, reaction, sense objects, gunas of Prakriti and detachment .Purusha attracts from Prakriti the intellect and the five mortal senses . From body to body does the Soul carry its sense impressions . This is the cycle of birth and death .

Once again the Lord recounts the cardinal requirements for attainment of the goal. These are conquest of passion, pride and attachment .It is an enigma understood only by the perfected yogi how Purusha enters or leaves the body . From Him emanates life ; He is the vital breath , the Atma, the inner flame , the summumbonum of the Vedas .

Says the Lord, ' Neither blaze of Sun nor fire is there , nor shines the moon in that , My eternal abode , whence there is no return ! Enshrined in all hearts , the ultimate source of knowledge, I am the summumbonum of the four Vedas ! Twofold are the aspects of creation ---- the perishable and the imperishable . Transcending them both am I , the Purushottama, the Impersonal Supreme , devoid of attribute , pervading and sustaining all, the Eternal Sovereign Reality ' .

Meaning -

The Lord Said :

'Like the ashvattha tree is the world ,

O Arjuna , fixed in heaven and bearing priceless Vedic lore , and yet grounded down by the roots of action and reaction , blossoming into sense objects , moulded by the threefold qualities of nature . All pervading are its ramifications . Do thou cut down with the axe of detachment the roots that bind it down !

This is the way to deliverance . Endeavour therefore to engage in quest of the Primaeval Being , the journey's End . knowing Me to be the Source of all , the ultimate Refuge !

To My haven go the enlightened who have overcome passion , pride and delusion ; attachment , pleasure and pain . Rid are they of conflicts , ever in tune with the Supreme ! Neither blaze of Sun nor fire is there ; nor shines the moon in that . My eternal abode , whence there is no return !

Mine is the Spirit , which here on Earth attracts from Prakriti, the intellect and the five mortal senses. From body to body does the Soul carry its sense impressions even as the scent of flowers is wafted on the breeze . No more is It attached to mortal ear , eye , touch , taste or smell !

The seers alone understand how He enters or leaves the body , or abides there in conjunction with the qualities . The ignorant know it or not . Ever striving , the sages do realise the Spirit within themselves but futile are the efforts of the vain !

Know thou to emanate from Me the splendour of the Sun and the Moon, the light of the Fire ! In the Earth and the star am I, the universal sustenance, the vital sap of plants.

I am the inner flame assimilating food, regulating the life process by the vital breath. Enshrined in all hearts, the ultimate source of knowledge, I am the summum bonum of the four Vedas!

Two-fold are the aspects of creation - the perishable and the imperishable. Beyond them both is the Impersonal Supreme, pervading and sustaining all!

Transcending the perishable and the imperishable am I, the Purushottama,

the Sovereign Reality of the Vedas ! Whoso rid of illusion, thus perceiveth Me, hath nought else to adore, O Bharata!

Thus have I declared to thee the shastra that emancipates, the holiest of My sacred truths, O Arjuna !

Monalisha Patel

Assistant Professor,

Koustuv Business School (KBS)



TIME TRAVEL

Many movies and books are based on this theory. It is often a very popular topic between people who are interested in science. Movies like Terminator, Back to the Future, Interstellar, etc. deal with this.

This topic is very popular because as humans, we are very curious to know about future and what it's like? We also want to visit the past and cherish those precious memories which were not that precious to us back then.

So, let me tell you what exactly Time Travel is and how it can be done (theoretically).

Time-travel is nothing but moving between different points in time. To move through time, we need a specific kind of vehicle. These types of vehicles are called as "Time Machines". To help you understand the whole process of time travel, first we should know what time is.

Understanding Time

According to physicist Albert Einstein, time is just an illusion; it is relative - it can vary for different observers depending on your speed through space. Einstein considered time as a "fourth-dimension".

As we know, Space is three dimensional which provides the traveller with coordinates i.e., length, breadth, and height to know the location. We live in a three-dimensional world but in the fourth-

dimensional world, time provides another coordinate i.e., direction which conventionally only moves forward. Altogether, this fourth dimension is also called as "Space-Time". This means time can only run forwards and not backwards. Theoretically, this means that it is easier for us to travel to the future than to the past. Einstein's theory of special relativity says that time slows down or speeds up depending on how fast you move relative to something else. If a person moves with the **speed of light**, **the person inside** a spaceship would age much slower than his twin at home. Einstein also told us that "gravity" can also bend time. Therefore, time runs slow on earth. If we get farther away from earth, time will run faster.

Ways to Travel in Time: -

1. Through a Wormhole - As seen in the movie Interstellar, one can travel through time with the help of a wormhole. To describe wormhole in a small sentence, it is a shortcut bridge which can connect two different points in space-time. Wormholes aren't a naturally occurring phenomenon. It can only be created by advanced civilizations only. But the problem there is that they would collapse very quickly and would allow very small particles to pass through it. To stabilize it for us to pass through it we need some special

type of particle that can stabilize it to be open for a longer period of time. That particle is imagined to be "Dark Matter". Dark matter is something that includes 27% of the entire universe and the energy emitted by dark matter is called "Dark Energy" which includes 68% of the universe. The things we can see now is 5% of the entire universe. Now, you would think that if dark matter is available in such a huge amount, then why aren't we using it, and the answer to that is "we just can't find it". With our current technology, we can't find it. It's like we are on a boat in the middle of ocean filled with water, but we can't drink any of it. It would take us ages to develop some technology that can help us detect and extract dark matter. Till then, our hands are tied.

2. Through a Black Hole - Almost everybody in the world thinks black hole as a black-coloured hole in the space but there is more to it than its name. It is a sphere. See, we say blackholes as "holes" because we imagine it in two-dimensional plane but in reality, it is three-dimensional where we live in and that explains us that a circle in 2d is a sphere in 3d. The same applies to wormholes. But travelling through a black hole is extremely dangerous and till now we don't know what is actually inside a black hole. What is beyond the horizon of a black hole is a complete mystery. The pulling

force of a black hole is so high that even light can't escape, then how can we humans survive that.

Another possibility would be to move a ship rapidly around a black hole, or to artificially create that condition with a huge, rotating structure. "Imagine we circled the black hole for five of their years. Ten years would pass elsewhere. When they get home, everyone on Earth would have aged five years more than we had." This is called as Time Dilation. However, we need to travel with a speed of light for this to work.

3. Through Time Machines - In movies and comics and all other sci-fi stories, there is always some sort of time machine present with the help of which people travel through time. Those machines either use some kind of exotic matter or use gravity to bend space-time. As mentioned by Einstein, gravity can bend space-time which can help us make time around us faster or slower. But for that we must know how to harness gravity.

So, in conclusion time travel is not possible as of now and many more generations to come before we find any kind of exotic matter i.e., dark matter or we are able to harness gravity on our own.

At last, I would like you to know about the consequences of time travelling. Those are called paradoxes. I am going to talk about two main ones.

Grandfather Paradox

Now, we learned about how time works and how to travel in time but if we are messing with the nature then it tends to mess back. As said by Isaac Newton, every action has an equal and opposite reaction.

As seen in the movies like "Terminator", if we travel back in time and kill ourselves then how come we exist now. Or for example: if a person travels to a time before their grandfather had children, and kills him, it will make their own birth impossible. This whole concept is a paradox meaning a self-contradictory statement which results in a logically unacceptable conclusion.

But some scientists also say that if we travel back in time and change the past then it does not actually change our past, but it creates a parallel universe where we have changed the past of our parallel self and thus the whole storyline. (This is a topic for some

other day.)

Predestination Paradox

A Predestination Paradox refers to a phenomenon in which a person traveling back in time become part of past events. He/she may even have caused the initial event that caused that person to travel back in time in the first place. It's all portrayed in the movie "Predestination" and web series like "Dark". This paradox tells us that changing the past is impossible no matter how many times a person tries, he/she may even be a part of that event also.

Shri Aditya Panigrahi

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STRAIGHT ROADS DO NOT MAKE SKILLFUL DRIVERS

This proverb was said by one famous Brazilian lyricist and novelist Paulo Coelho.

Someone cannot become a skilled driver if he/she simply drives on straight roads and does not practice crucial driving abilities such as taking turns, parking correctly etc.

This is true in practically every career.

For example, firefighters go through mock exercises in training to learn how to deal with difficult situations.

It will be extremely challenging for them to deal with real-life problems if they receive such training.

People who have endured adversity in life tend to develop stronger and better able to cope with future adversity. In general, they will be considerably better at adapting to adversities than others. This proverb also correlates another proverb "Practice makes perfect". People who have not faced any difficulties for the majority of their lives, on the other hand, may find it difficult to cope with even little life challenges. Of course, this does not apply to everyone. Emotional Intelligence is equally important.

A few parents go above and above for their children, forgetting to educate them how to take charge of their own lives. A normal thought of most parents is to allow their children not to

face any difficulties, problems which they have already faced in their life. Parents need to change this type of mentality for the goodness of their children. Parents need to guide rather help or do their work. Children who have grown up with this type of parenting may find it difficult to cope with life's uncertainties and obstacles.

If we go through the stories of all successful people, we can observe that they all choose the most difficult path. To thrive in their area, they work extra hard and take calculated hazardous actions. Even if they fail in their first tries, they will eventually succeed because their experience of following less-traveled paths teaches them critical skills that will help them become one of the greatest in their industry. People who choose the easy way out are rarely successful.

This proverb can also be applied to many contexts in our daily life. There are few such proverbs like "a smooth sea never made a skilled sailor", "Rough seas make great sailors" etc which aim the same.

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LIFE

Introduction

"In the beginnings God created the heavens and the earth."- Genesis 1:1. "Then the Lord God formed man of dust from the ground, and breathed into his nostrils the breath of life; and man became a living being."- Genesis 2:7. "So God created mankind from his own image; in the image of God he created them; male and female he created them."- Genesis 1:27.

All around us, in an all inclusive manner is life prevalent around us, around earth. From your eyelashes to the volcanic hot springs of the *Yellowstone National Park* to the bubbling hot tar lakes of *La Brea* to more than 10,000 meters deep inside water in *Mariana Trench*, where even proteins are bent out of shape, to the 5 million years old *Siberian* permafrost, there are hardly any places on earth where life hasn't been discovered. We are so accustomed to see life around us that most of the time we forget the miracle that it is and that we are a part of it, apart from the mundane, in an intricately fashioned web we call *Ecosystem*. Life is a wonder, transforming atoms born 13.8 billion years before to atoms knowing what they are. Thus, in my words, let there be light upon life itself.

What is life?

Before commencing, this needs to be put out of the way that the boundaries of this criteria is not exactly crystal clear. With ongoing research the

boundaries have been pushed forward to several momentous milestones but the starting point is not yet marked clear i.e. what is life exactly?

In the best way explainable, *"Life is a characteristic that distinguishes physical entities that have biological processes, such as signaling and self-sustaining processes, from those that do not, either because such functions have ceased (they have died) or because they never had such functions and are classified as inanimate."* Life first appeared around 4.28 billion years ago soon after the ocean formation on earth 4.41 billions years ago not long after the formation of earth 4.54 billion years ago. The ocean is the mother of all. In the classic *Miller-Urey Experiment* of 1952, it was demonstrated that *"amino acids"*, one of the constituents of life were formed in the then oceans rightly called as *"organic soup"* for its organic richness aided with constant lightning, etc. *Complex organic molecules* managed to form in our solar system as well as in the interstellar space which altogether are assumed to have provided the building blocks for life. The earliest form life accounts to be as, is *bacteria*. Life on earth is descended from *RNA-based life*. *Metal-binding proteins* causing transfer of electrons evolved from minerals. All this is assumed to have accumulated and formed a self-sustaining, self-replicating carbon-based chain of molecules of increasing complexity. All life on earth is carbon based. It is very important to note that,

"Life is a process and not a substance."

What makes life unique?

From *black holes* to *neutron stars*, from *inflation* and *multiverses* to *feeling of love* and *hatred*, this universe is a eerie place with some pretty big mysteries. Life is one of its biggest.

There are three basic cornerstones or themes upon which the entire concept of life and with it *biology* is based upon. To list them:

(1) Evolution

Populations of organisms have evolved through time from earlier forms of life. All forms of life on earth are related. The process of evolution is the framework for the science of biology.

(2) Information transfer

The survival and function of every cell and every organisms depend on the orderly transmission of information within the organism, in between organisms and in between an organism and its environment. Evolution depends upon transmission of genetic information.

(3) Energy transfer

All life processes, including thousands of chemical transactions that maintain life's organization, require a continuous input of energy. Most of the energy for life comes from sunlight. Energy is

also continuously transferred from one chemical compound to another within every cell.

What is living and what is not?

There is a specific set of ingrained characteristics that expressly distinguishes a living being from a non-living one. We don't go around mixing a rock with an *armadillo* (*Dasypus novemcinctus*) acting defensive. Let us discuss some major characteristics setting living and non-living beings apart.

(1) All organisms consists of basic units called cells.

Proposed by Schwann and Schlieden and then further modified by Virchow, the "*Cell theory*" defines cells to be as the fundamental and the functional unit of life. It also defines that all cells arise from pre-existing ones.

(2) Living organisms grow.

Growth in living beings is defined as the maintenance of a higher rate of anabolism than catabolism.

(3) Homeostasis.

It refers to the regulation of the internal environment to maintain a constant state, for example, sweating to reduce temperature.

(4) Organisms regulate their metabolism.

The sum total of all the chemical activities (*anabolism* and

catabolism) of the organism is its *metabolism*. Living things require energy to maintain phenomena associated with life.

- (5) Living organisms adapt.

Adaptation is the ability to change over time in response to the environment. This ability is fundamental to evolution.

- (6) Organisms respond to stimuli.

All life forms respond to stimuli, physical or chemical changes in their internal or external environment. Response to stimuli involves movement though not always locomotion.

- (7) Living organisms reproduce.

It is the ability to produce new individuals organisms.

What competes with life?

The answer to this question would be the very environment sustaining it and life itself, engaged in a battle as old as life itself.

The nature changes, providing with itself new circumstances which sometimes are favorable and sometimes hostile to the path of life. This is called as "*Natural selection*". Those who inherit such genotypes (through genetic variations) that express phenotypes coping with these surrounding changes flourish and get to pass on their relatively successful genes to their off spring and others simply succumb to their more favored

opponents. This is *Darwinian Evolution*.

Take the example of peppered moths (*Biston betularia*) who used to be of a light color with black spots. When London's atmosphere became soot-filled, the white trees became darker thus making it easier for birds to spot the moths. Within months, most moths became darker. After factories had to reduce soot output, light colored moths increased in number.

Nurturing the quintessence of life

Our earth lying in the "*Goldilocks Zone (habitable zone)*" in the solar system gave the optimal amount of heat and light for life to bloom. Too much of heat, and earth would have been a second "*Venus*", unable to hold its water and atmosphere. Too less of sunlight, and the water would have been frozen, capturing earth in a never-ending ice age.

The first ever life to appear on earth were microorganisms habituated in hydrothermal vents. They used geochemical energies. Then came cyanobacteria (2.4 billion years ago) who used water and sunlight for making food, releasing oxygen. Then 1.2 billion years ago, oxygen-consuming organisms started to develop. These cyanobacteria or blue green algae along with other *bacteria* were actually *prokaryotes* and after them, the development of *eukaryotes* took place.

Is life exclusive to earth?

No matter how hard do we search through observation in our universe,

we seem to be the only sample, placed on a blue planet, of the phenomena we call life.

Yet most scientists believe the spontaneous creation of life on earth could also arise in some other planets given the optimal conditions required for life are present, which we are aware of here on earth. Scientists used the "Drake equation" to calculate that there may be around 36 other intelligent civilizations in our *Milky way galaxy* alone capable of communicating with us. These alien life forms would need not be based upon carbon and water. Some even doubt if we would be even be able to detect alien life if bizarre enough to remodel our concept of life. Consider the example of a colony of ants. They live and work surrounded all around by humans. But they are quite unaware of our presence because their extent of intellect allows them not so. Now the same if applied upon us, it is very much possible that there are civilizations of much higher intellect living aside us all along yet our limited intellect confines us from knowing them. Speculations even cast belief upon the theory of "Panspermia" in which it is theorized that life here on earth was delivered by extraterrestrial means.

Death of life

"Death is as sure for that which is born, as birth is for that which is dead, therefore grieve not for what is inevitable."- Bhagwad Gita.

"Death is the inevitable, permanent, irreversible cessation of all biological functions that sustain an organism"

(quoted from Wikipedia). Death and life are not different. Everything that lives must die. Of course then this brings to the conflict, the *immortal jellyfish (Turritopsis dohrnii)* who returns to its *polyp* stage when its *medusa* form reaches death-age or is under environmental stress or physical assault or is sick, by the process of "Trans differentiation", thus swiftly avoiding death. But it could still die, by accidents, through predators or by natural calamities. No one is free of death.

Death ensures that the resources are not overcrowded and the young generations get the maximum vantage. As our earth blesses us with life, so it flings many catastrophes on the pathways of life. Nature challenges us.

The "Great-oxidation event", 2.4 billion years ago, filled the air with so much oxygen that it became unbearable for most life. Ice ages once set, hold earth in prison for thousands of years to come resetting the progress of all life. 65 million years ago, an asteroid struck earth that wiped most of the dinosaurs ending their reign, giving way for mammals to flourish. The death of some species might be the key to some else species' success. Animals, one of the heterotrophs, consume plants and other animals, and when they die, their carcass restore the nutrients stored in them to the soil for the plants, this is a cycle of rejuvenation by death. Our life here on earth is going to finally end when the sun transforms into an expanding "Red giant" which would vaporize earth. That would be the end

of all. But that is still a great 7.59 billion years to come during which humans would have scattered far deep into the universe.

Life is hope

When Pandora, the daughter of the king of gods, Zeus, opened his gifted box, all the diseases and maledictions imaginable were released on life on earth. But as she wept, she saw a single butterfly flying at last from the bottom of the box. This was hope.

And life is nothing but hope, where there was nothing but ordinary matter there formed a wondrous life, where we cannot even hope for life to find,

there life finds a nook to thrive. Life has always found a way to steady its flow and in my belief, it would do so to share its secrets where ever it would find refuge in this universe.

Pinaki Bose

Semester I

Computer Science Engineering

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SOLDIER: THE BRAVE HEART EK JANBAZ YODHA

India ek esa desh jise duniya Ved Bhoomi or Dev Bhoomi bi kehta he. Bahat sara dharm aur jativeed ko leke bi ye desh parichit he, par jab bat desh sewa ka ata he har koi apni jativeed bhul kar bhaichara ke sath dharm nivata he aur madat karta he. Har koi chahta he ki apne desh ka sewa kare ek himatwar yodha bane, har kisike dil me ye bat he ki me ek soldier banunga aur border par dushman ka shina chir kar apni bharat maa ka sewa karunga mera desh ka raksha karunga, par har koi ye nahin kar pata kyun ki ek veer yodha ban ne ke liye kadi mehnat aur apni jan ki bazi lagana padta he. Soldier sunne me ek chota nam he par ye wo nam he jise sunke dushman ki neend kho jata he, ek esa dil jo pathar ban jata he dushman ki goli ke age, ek esa jimmedari jo apni pariwar ko bhul ke apni jan ki bali deke desh ko apni pariwar manke apni dharm nivata he.

Ek esa safar jiska koi manjil nehin, ek esa kadam jahan har kadam pe musibat aur dusman ki chakrabyuh ka samna karna padta he. Ek esa dharm jo nivane keliye apni jan ka bhi kadar nahin karta ek soldier. Hum jab apni

ghar pe kisi khushiyon ki mahol sath manate he wo us time apni pariwar ko bhul kar apni jan khatre me dal kar hamari raksha karte hen, hum jis time tv ya news dekh ke apni samay gujar te he, wo us time har pal apni beete hue kal ko yad karke apni jindagi gujar te hen, hum jis time ek rahat ki neend sojate he, wo us time har raat jag ke hamari raksha karte he. Bas unke man me ek bat hamesa rehta he jab hume maut aye to hum apni seena tan ke wo pabitra triranga kesamne hamesa sukun ki neend so jaye, aur jab hamari antim sanskar ho to hum triranga me lapete hue apni akhri safar kare aur hamesa wo dharti me sama jaye. Ye he ek soldier ki jinadgi jiske liye hamesa har dil me respect rahega. I proud to be an Indian and be respect and salute for those real heroes.

Jay Hind...

Tapan Baral
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THE IMPACT OF AND RESPONSES TO COVID-19 ON EDUCATION

Education is the backbone for any civilization to thrive. It is just not about gaining knowledge, Education may be a tool that gives skills, techniques, and information that enable us to earn our livelihood, serve our nation and help us to differentiate between right and wrong. It expands our vision and outlook to see the world and thereby we gain a new perspective of looking at life. Education lies in innovation and creativity. Education gives us the power to know our responsibilities and make this world a far better place to live in.

The role of educational institutions is paramount because it helps the students to enhance their interest in learning and enlarge their participation in studies through various curricular, co-curricular, and extracurricular activities. When the students have several opportunities, they can perform better not only in the classroom but in all walks of life. Active learning is one of the essential things for a student's life. But with the advent of the COVID-19 scenario, this has received a serious jolt. With the absence of a formal educational platform, it is very hard to access their individual performance and how excel in groups. It is the educational institutions that help to make the students an active learner.

Whether it is schools, colleges, educational institutions, and coaching centers, everything is temporarily

pack up due to the prevailing widespread of coronavirus infection. To attenuate the damage it's now advised to remain indoors, follow social distancing, wash hands frequently, and wear a mask. This is a challenging time for all the educational institutions, to disseminate information, as lockdown and shutdown brought a temporary halt to lectures and classes. This is also a tough time for all the students to find a proper study area, create a proper study schedule, and make notes, as most Indian houses lack a distinct study zone. Only interest not the comfort of home is the driving force to study. That's why, the bed, dining table, living area; branches of trees are now new study destinations.

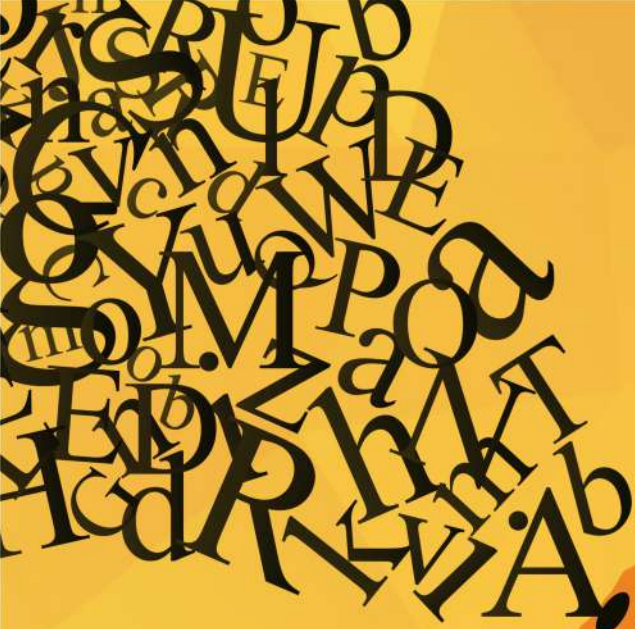
Having been hit by unprecedented times, Schools and colleges were swiftly adopted online classes, video-conferencing tools like Teachmint, Zoom, Google Meet, video lectures, etc as a medium of instruction, to avert disruption to the academic schedule that hindered the students' learning graph. Online learning is perhaps going to be an integral part of education in India across all sectors. Even though we Indian is very likely vaccinated in days ahead, educational institutes may still include digital learning as one of the additional options to maintain the status quo. The ongoing scenario has taught us education can be imparted anywhere regardless of geographical location.

The Post-COVID scenario may evolve some new courses or modules on the pandemic, disaster management, health, and hygienic. In addition to seminars and workshops, guest lectures and webinars will be added to give students a firsthand experience of the dynamics of academic, non-academic, and business environments. Online mode of education without proper infrastructure is in place right now may replace with a soothing experience. Education may become more personalized and interactive. Students may have options to choose the classroom teaching or at home through videoconferencing and digital learning medium. The course fee may vary following the option chosen. This will help students at distance, to reap the advantages of normal classes, guest lectures, and webinars.

After this pandemic, we the people of India, along with others, may have developed our antibody, and fit both mentally and emotionally. The slightest apprehension may be addressed properly. Dialogue-based interactions and question-based solutions may be placed with willful safe physical distance. Hug and handshakes by the students may replace with Namaste and Salute. Ragging may be substantially reduced under apprehension. An online and offline examination may be held

simultaneously. Like railway booking and banking service, all eligible students may take admission of their preferred courses, at their desired educational institutions directly online. Merit criteria may be set accordingly and remain open in their respective websites. Free education, scholarship, discount on course fees is very likely to be extended to the victims of COVID-19. Digital promotion will take over to physical promotion. Training and Placement are going to be preferably held virtually simultaneously for several educational institutions from their headquarters. Training certificate and placement offer may directly send to the concerned students marking a copy to the institutions. Utter transparency could also be placed at every stage to avoid ambiguity. Alumni registration, alumni interaction, and alumni meet likely to be held online. A replacement layer in sort of digitalization goes to feature to our existing system. So our ability to learn, absorb and participate in a new setting can be a game-changing experience.

Partha Sarathi Ghosh
Public Relations Officer
College of Engineering Bhubaneswar



Poetry Section



THE SANDS OF TIME

The sands of time are slipping,

And I can't do anything

To keep them

From falling,

O, how long will they last?

TIME FLIES

When you're around

As you surround

Me with your love...

Why must it end

So soon, too soon?

We haven't even kissed-

WILL YOU MISS

Our laughter

When I'm gone?

Don't let the last sand fall

'til I'm back forever in your arms.

I love you

For all that you are,

All that you have been,

And all you're yet to be.

Shri Harekrushna Nayak

Mechanical Engineering, 6th Sem.

College of Engineering Bhubaneswar (COEB)



STARS AND SUN

Mother, the being from heaven,
lifted down from azure, I saw
and I asked her for how to reach the heaven
and she said to go to the highest peak on earth,
where the clouds of mercy will pick me up.

But I said I will never go
without asking my mother
and instead I will become the dancing stars
and my mother, the long night,
and she will pick me up tightly in her arms
and we will move with the nightly breeze
where I will bloom in my mother's arms
which will fill the earth and heaven
with joy scented with moonlight.

And suddenly the angel returned up
without enouncing a word.

But again at the twilight,
the angel returned down,
perching over some old sacred rocks
and the sight lender of the day
seemed soaked in delight with this conclave
and again did I asked her

for how to reach the heaven
and she said to go to the end of earth
where the King of tides will pick me up.

But I said I will never leave my mother alone
and instead my mother will become the shimmering sky
and I, the golden sun,

where I will sit on my mother's lap
and we will enter the heaven
through the mirror gates of the sea
and nothing will claim us in this world
except our mingling tears and laugh,
both the saplings of sheer bliss
which will be the awe of even, dusk
and then the angel returned up
singing like a chiming bell.

Pinaki Bose
Semester I
Computer Science Engineering
College of Engineering Bhubaneswar



EXPECTATION

Whenever the query eyes blink,
If often infuses me, thinking of,
Whether dreams are setting up, or;
Crushed beneath the oasis,
Urging spring tides, if a new rays,
Just denied to live with;
Just vanished into fossils,
Wondered the pelagle land,
What's that, who is gambling,
Who is curtaing behind the grins,
Up thrusting me or drowning me, with tears,
Filling me with bunches of chears, or.
Cherishing me like a suckling mom,
What's there drizzling in my summer,
Or soaking me with wet vices,
Well, may I____?
No, I might define if,
Thanking you for the lightening,
Again, bowed before your sparkling darkness,
Yup! You, my "sparkling crackers,
Though blocked, still Brownian;
The forever builder is great ommiter,
The only, My: Expectation".

Sumanta Kumar Acharya
Master of Computer Application (MCA)
College of Engineering Bhubaneswar (COEB)



INDEPENDENT WOMEN

Yeah, she got her own,
Most call her independent,
She doesn't need your money for her clothes,
She makes her own money and keeps a job,
Gets good grades year a's and b's on the top of her game,
Yeah, she wifey
Most say she stuck up,
Some say she cool,
But no matter what she still gone shine,
Confidence through the roof,
Yeah, she stays fly,
Money in the bank,
TELL ME DUDE WHAT DO YOU THINK?

Rashmita Dash
PGDM 2nd Year, HR/IT,
Koustuv Business School



THE UNTOUCHABLES!

We call ourselves; the 21st centurions,

Civilized and many more....

In reality; our thoughts,

Still stick to uncivilized era.

The so-called civilian's,

Carrying the ideas of untouchability,

Are the pillars of society?

Pathetic! Would be the scenario.

Two decades of education,

Fails to eradicate the thoughts of Untouchability....

What would come; in the rescue of cleansing the minds of real
untouchables;

WILL EVER SOCIAL JUSTICE BE POSSIBLE?

Gudyrani Acharya
PGDM 4th Semester,
Koustuv Business School



I AM YOUR SHADOW

On a fine morning, she wakes, hence the sun rises.
She takes a curve; hence, the sun shines on her face.
As long as she looks and smiles, my day lasts.
She is my workplace, my task, hence me.

She is bright and brightens up people's lives, thus the name light.
On her walk, the earth moves, hence rotation.
She sings in a low voice, with her soft lips.
So, the music in her voice, hence I speak

She is a lively, matchless beauty, hence evince
I am the sea. She flows with me, hence water.
Feelings of ecstasy flowed through our nerves.
Our youthful hopes of a wonderful, hence wonder

In her eyes, there is shadow, hence night.
At the dead of night, you, Queen of the night,
My night's dream, day reality - all insanity.
Mad is calling me mad, hence madness.

Your dryness, the advent of summer, after bath cold
With your laugh, spring began, hence spring
In your sorrow, rain comes, hence rain.
You are nature, on your sickness monsoon disturb.

Partha Sarathi Ghosh
Public Relations Officer,
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