

# BASELINE MAGAZINE

*Education is the only weapon we need to focus now.*

*Let's bring Quality Education  
Help Students Help Society*



**BASELINE TEAM**  
- SINCE 2021 -



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**BASELINE TEAM**

## A Walk to Excellence

The personality whom we are murmuring about the beyond the definition of success. Excellence has to get involve to define her. She is a daughter, sister, mother, wife, academician, civil servant and many more. Brilliance has always been her companion since her early age. Intelligence is her best friend for life. Brilliance and intelligence happen to be her companions since her early days. I am talking specifically about the current DC of Imphal East **Khumanthem Diana**. She is the close companion of brilliance and intelligence.

Khumanthem Diana is born to **Khumanthem Chandramani Singh**, a retired IPS officer who has served as Inspector General of Police and **Khumanthem Ibeyaima Devi**, a retired government employee. She has 5 siblings and all of them are quite successful in their own field. Diana completed her secondary education at Nirmalabas High School, Imphal. She emerged as overall topper of HSCL Exam, 2007 conducted by Board of Secondary Education Manipur. She went on to study at Delhi Public School and she emerged as victor with outstanding result in the HSE, 2009 conducted by CBSE. She was enrolled at Miranda House, University of Delhi pursuing Physics Hons. She again topped the university in 2012. She completed her master degree in Physics from Delhi University itself.

She cracked numerous competitive and qualifying exams after graduation since 2012. She qualified UGC-NET in 2012, CSIR-JRF in 2013. She secured 9<sup>th</sup> position ( AIR ) in Indian Forest Service Exam. She eventually cracked Civil Service Exam conducted by UPSC, 2015. She secured 24<sup>th</sup> position in UPSC Exam, 2015. Khumanthem Diana Devi is the current serving Deputy Commissioner of Imphal East District, Manuipur. She truly inspires the youths. Her road map is the ultimate path to excellence.

## **About the Organisation**

This is a non-profit service Team aiming at training & development of the young minds, providing career counselling, creating competitive awareness, providing platform for competitive exams to enhance knowledge and ability of the young minds to move ahead in the higher studies & career. This is meant for providing proper guidance and nurturing the young minds free of cost with single agenda of developing our Human Resource Pool & utilizing it in further development of the nation and mankind as whole. This organisation is run by active members & volunteers from different fields of study. Each one of them is good enough in their field of study. Their expertise can be used for self-development & career guidance.

## President's Message

Education shouldn't be confined only within the walled classroom. Education is provided to enable the individuals to transcend the limitation of human perceptions. It is to create, culture and develop human minds with efficient working skills, So, to fulfil the mentioned objectives, we, the **Baseline Team**, a non-profit organisation run by 20 volunteers from diverse field of studies rise up in this pandemic to help young students in their curriculum, providing career guidance, creating competitive awareness, counselling and so on. These would aid young students in gearing up for their higher studies and career ahead. Our door is always opened and we are ready to help you in the best possible ways.

So, what are you waiting for ? Get registered and let us contribute a part in your journey towards excellence.

With best wishes,

**Ashapriya Lourebam,**  
President,  
Baseline Team

## Vice President's Message

In a society heart-stricken with many problems starting from minute to big issues of unemployment, declining economy , slow rate of development, corruption and sometimes conflicts, a proper education of the youths seems to be one of the most effective means to reorganise the chaos that exist in the society. Although it is a long term solution, it will be a powerful option.

The pandemic almost creates a halt in the educational activities across the state and nation as a whole. And this creates a great shift in the normal life of students .Unaware or not in our society at this juncture of the pandemic, most of the students are likely to get entangled in a loop of distractions which includes all sorts of time consuming platforms including social media and video games. Most of their activities in majority are found to be unproductive and misdirected. So we come up as team to provide whatever little help we can for the students. And again when comes to our current education ,most of what being taught in schools are based on things of theoretical abstractions, which itself is very difficult to find practical implications in solving the issues in the society .So, it is very hard for students to find a good overview of the situations facing in our society at present. Moreover, apart from academic point of view and marks, reading for knowledge almost seems to be a lost art in our students. Hence, to get them involved in digging the truth of the society, we as a team from varied professions are making up various monthly programmes including career counselling, quiz and essay programme on topics relevant to our day- to-day life to get an insight of what exactly is the society facing right now.

This will be our first monthly magazine compilation. It will be very exciting to get a taste.

Thanks to our magazine editor.

Finally for our the **Baseline Team**, I am glad to be a part of the family. I wish the team spirit holds us altogether.

*"Let's work as a team and shine as a team"*

With best wishes,

**Dr. Hanjabam Laxmikanta,**  
Vice-President,  
Baseline Team

## Editor's Message

It's my privilege working on the 1<sup>st</sup> Edition of **Baseline Magazine**. I would like to put a disclaimer at first and foremost that this edition isn't commercial one. This edition is brought up with a sole purpose of reaching out our ideas and messages to the young students. This edition will differ from the magazine you see at your local book stores. We have no intention to draw capital from ads or sale. Thus, we won't be working on ultra-budgetary looks and designs. Don't expect glamour outlook from this edition.

The habit of reading is important to trigger in the young minds because reading is the main source of knowledge and writing is a way of recording the knowledge. These both swing in parallel. Inducing reading habit is also one of the purposes and sharing our knowledge via writing is our responsibility. Nurturing reading habits is our responsibility and nurturing our writing habit is your responsibility.

There will be many editions in the future. New things can be seen in every coming edition in the future. I welcome all to the **Baseline Team**.

With regards,

**Bon Ami Laishram,**  
Editor,  
Baseline Magazine

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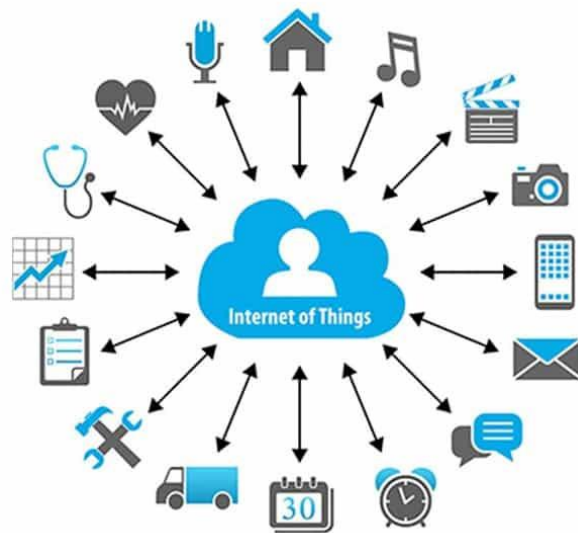
Listed event



## IoT (Internet of Things)

Lemba K

Imagine you are at work and you forgot to turn off electric switch off at home. Instead of travelling way back at home, what if you could use your smartphones to know the status of the switches, and even turned it off, wouldn't



that be amazing? The whole things can be done with the help of IoT.

IoT can be refers as a system of inter-related devices connected to the internet to transfer & receive data from one device to another. Simply put IoT means connecting devices to internet. The “things” in IoT may be devices which cannot access to internet like; computers, smartphones etc. a things may be a person with a heart monitor implant, device with sensors, or a farm animal with biochip transponder.

Working of IoT comes with either automation or fully controlled by a person using apps. A simple IoT system integrates (i) Sensors/Device: this will sense the environment and collect the necessary data. (ii) Connectivity: the collected data should be sent to the cloud through variety of methods including cellular, Wi-Fi, Bluetooth or Internet via Ethernet. The Cloud is the IoT gateways where all the data collected from the sensors or devices are being sent and stored for processing. (iii) Data Processing: software process the received data and give feedback as like if the temperature is too high it will alarm the user a warning. (iv) User Interface: According to the feedback the user can manage the things such as if the temperature of your room is too high, the temperature can be reduced either by automation or by the person using an app.

To understand it more clearly, consider a house where light bulbs is on when you enter the house and turn it off when off when you leave the house automatically. Even when morning the window curtain will open, then make you a coffee by the coffee making machine, or even warm up the water for your bath. When the temperature of your room is high it automatically adjust to the ideal temperature by comparing temperature from outside the house.

All this is possible with the help of sensors and actuators. Sensors are those devices which sense and measure particular things like heat, humidity, water, light etc. And Actuators are devices that cause those machines or others devices to operate. There are many sensor says motion sensor, heat sensor, light sensor, humidity sensors etc. All these sensors will be connected to the things to sense and measure data. Remember about the smart house, a motion sensor will sense your presence outside the door then open the door automatically and light up the bulbs, and In the morning the light sensors will detect the sunlight and open up the window curtain, then when the alarm rang the sound sensor from the coffee making machine will detect the sound of the alarm then make you a morning coffee. These all data is collected from the environment by the sensors then send the data to IoT gateway/cloud through Internet. In order to perform these you need to provide IP (Internet Protocol) address to all the things with sensor and actuators for transferring and receiving data.

Today, IoT is being used to lessen the burden on human like smart car, smart building, smart city, smart retail or smart health care. With this wide spectrum of applications the futures of IT look more promising than ever. In 2018 more than 24 billion devices were connected to Internet, according to expert there will be more than 85 billion of devices will be connected to internet by 2025. The integration of IoT with others technologies like Machines Learning, Artificial Intelligence (AI), cloud computing is paving the world a way for new exciting innovations. With IoT everything we see around us can be connected to internet and used to make our life easier.

# Permaculture

Homika Haobam

Permaculture is the conscious design and maintenance of Agriculturally productive ecosystems which have the diversity, stability and resilience of natural system. It is the harmonious integration of landscape and people providing their food., energy, shelter and other material and non-material needs in a sustainable way.

The word permaculture is originally from permanent agriculture then permanent culture. IT was developed in Australia in the late 1910's by Bill Mollison and David Holmgren. It has since grown into an international grassroots movement. Permaculture is a unique blending of traditional practices and scientific knowledge of ageless wisdom and innovative ideas of time tested strategies and useful information from around the world. Demonstration sites span the globe

Permaculture systems have been established on every scale, from farms to apartment, from ranches to suburbs, in cities, garden, school and communities. They are providing successful in every climate including the tropics, deserts, mountains and shores.

Permaculture is a creative design process based on whole system thinking that uses ethics and design principles. Permaculture combines three key aspects – an ethical framework, understanding of how nature works and a design approach the three-permaculture ethics are – care of the earth, care of the people, fair use of resources. The 12 design principles of permaculture are observed and interact, catch and store energy, obtain a yield, apply self-regulation and accept feedback, use and value renewable resources and service, produce no waste, design from patterns to details, integrate rather than segregates, small and slow solution, use and value diversity, use edges and value the margins and creativity use and responds to change. Permaculture includes eco-literary-mimicking nature, design-creating effective solutions, way of thinking-systematic & design thinking with ethics and principles, philosophy of life-living ethical and sustainable lives, tool kit-strategies and technique from many sustainable disciplines.

The benefits of permaculture are:

Sustainable agriculture concept, avoidance of chemical fertilizer and pesticides ,urban permaculture improves our indoor air quality, the waste products are recycled and manures back to the Earth in the forms of compost ,using all the natural components of the ecosystem like the composting the waste into useful organic matter and manure. Permaculture can help to mitigate soil pollution.

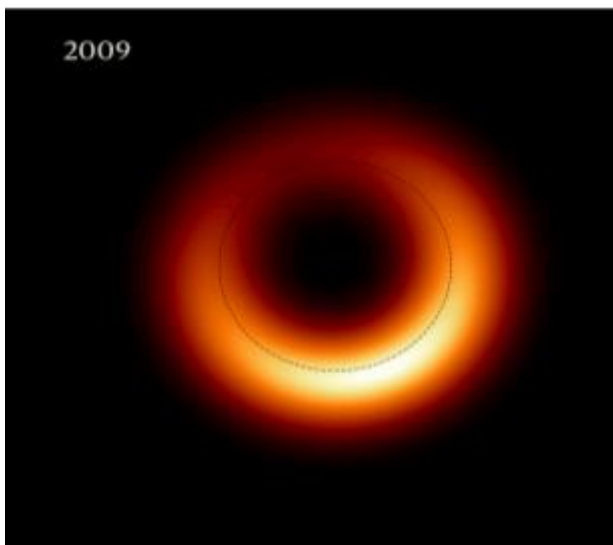
If the agricultural universities and ministries would devote some effort to figuring out permaculture practices for a certain region that would lead to large scale sustainability. In India ,many states including Mumbai, Punjab and Bihar practices the permaculture farming. Even in our state Manipur, Kamjong district and Langol village started permaculture farming under the guidance of Th.Brinda, MPS.

In the modern civilization food has served as the biggest pleasure aid for human being .Permaculture shows how to conserve the dynamics of natural ecosystem can apply this knowledge in designing constructed ecosystem that serves the needs of human population without degrading our natural environment. Transform our home into a sustainable, abundant, efficient property that provides our healthy organic food and clean water

## Mysterious Black Holes

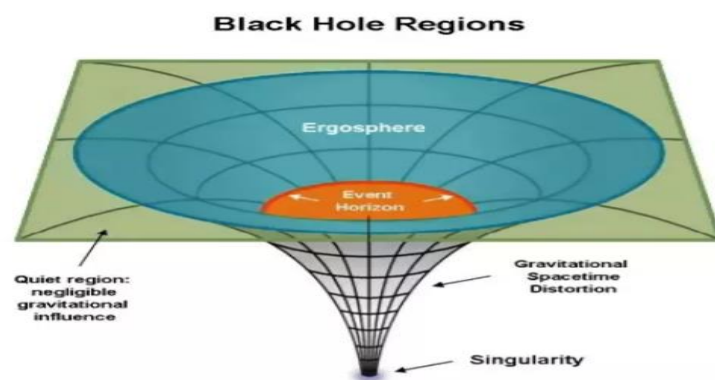
Santosh Moirangthem

Black holes are among the most fascinating objects in our universe and also among the most mysterious. A black hole is a celestial object where the gravitational field is so strong that the fastest known entity in the universe i.e. light cannot escape it. The gravity is so strong because matter has been squeezed into a tiny space and it is believed to be created especially in the collapse of a very massive star. They have very strong gravitational and attractive forces, so they don't like suck things in, they pull things in because that's how gravity works. American physicist John Wheeler coined the term 'Black Hole' in 1969. In 1783, English astronomer John Michelle suggested that if a star were massive enough, it would have such a strong gravitational field that it can drag back any light passing nearby. The black hole's surface area is set by a spherical boundary called the event horizon, a point of no return, beyond which we truly cannot see. When something crosses the event horizon it collapses into the black hole's singularity.



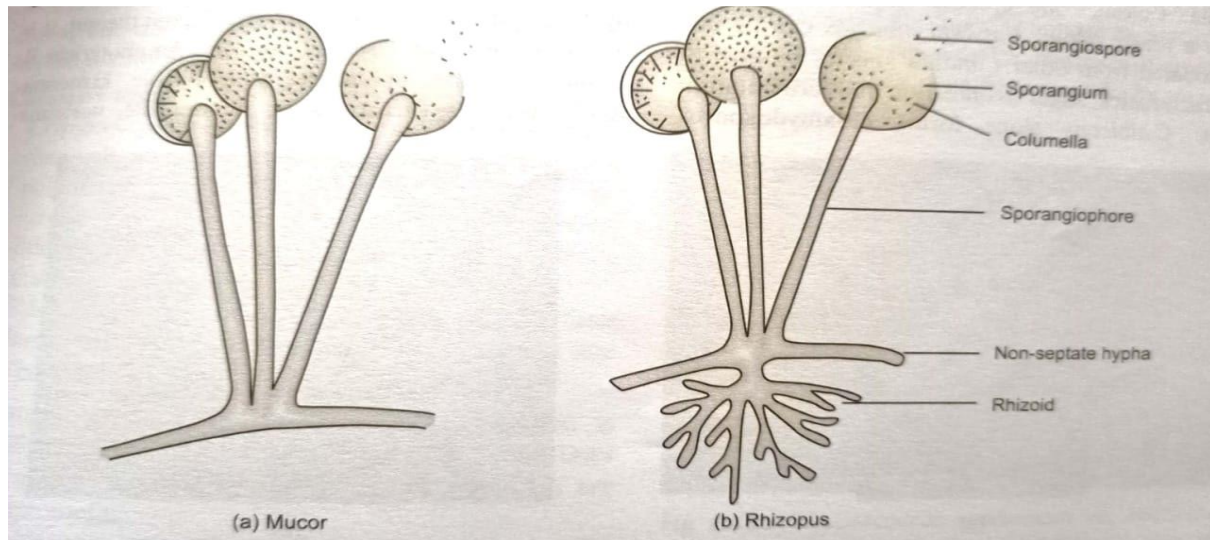
Event horizon is a ring of light which is the orbit of photons, where photons literally move around the black hole and around that is a hot gas that's drawn to the black hole. It is very hot because of friction. All this gas is trying to get into a very small volume, so it heats up. Yet, according to our current knowledge of theoretical physics, once a star starts collapsing, no known force can stop it. It will continue to shrink past its event horizon, smaller and smaller, until it becomes a "singularity" — a mathematical point with zero volume and infinite density. This singularity lies at the very centre of a black hole. Einstein came up with a

geometric theory of gravity which deforms space-time. So, matter deforms space-time and then space-time moves around it. And you can get enough matter into a small enough region that it punctures space-time and that even light can't escape, the force of gravity keeps even light inside. And according to a theory it is also said that "gravity of any object is directly proportional to the density of the object" so the more the density of the black hole they will absorb more light. So why are we called black holes? It is because they don't produce light they absorb. There are four types of black holes: STELLAR, INTERMEDIATE, And SUPERMASSIVE (largest type of black hole with mass on the order of millions to billions of times the mass of the sun), MINIATURE. Black hole evaporation: the radiation emitted by a black hole, called Hawking radiation, carries away energy. By Einstein's famous relationship between mass and energy=  $mc^2$ , this means that the radiation carries away mass as well. This implies that a black hole in empty space must lose mass, for there is no other source of energy to power the radiation it emits. The process by which a black hole radiates away its mass is called black hole evaporation. Galaxy M87 which is 55 million of light-years away and at its heart there is a 6 and half billion solar mass black hole. There are six and a half suns compressed into a single point and in order to see an image of that we need a telescope as big as our earth that we can't have. So, to overcome this, scientists built a global telescope which linked the telescopes around the world. Even in our milky way has a supermassive black hole in its galactic centre, which corresponds to the location of Sagittarius A\*. Black holes really are the central mystery of our age, because that's where the quantum world and the gravitational world come together. What's inside is a singularity. And that's where all the forces become unified because gravity finally is strong enough to compete with all the other forces. But it's hidden from us, the universe has cloaked it in the ultimate invisibility cloak, so we don't know what happens there. So, our scientists are continuing to research this mysterious object.



# Black Fungus

Dr. Noarem Sunanda



Black fungus (*Mucor mycosis*) also known as zygomycosis

**Causes:** It is an invasive fungal disease caused by order Mucorales (especially by species of *Rhizopus*, *Mucor* and *Apsidia*)

- found in soil, air, dust, animal manure, decomposing organic matters
- spread by spores through inhalation, ingestion of contaminated foods, contamination of open wounds

## Risk factors:-

- Immune-compromised patients (Diabetes, AIDS, cancers)
- Immunosuppressive drugs
- Corticosteroids therapy
- kidney problems
- Low white blood cells(neutropenia)
- Covid -19 patients
- Black lesions on nasal bridge or upper inside of mouth can become more severe

## Symptoms:-

Symptoms depend on where in the body fungus is growing.

### **1. Rhino cerebral/rhino-orbito-cerebral disease**

- One sided face swelling
- Headache
- Nasal/sinus congestion
- Black lesion on nasal bridge or around the eye
- Fever

### **2. Pulmonary Mucormycosis(lungs)**

- Fever
- Cough,
- Shortness of breath
- Chest pain

### **3. Cutaneous Mucormycosis(skin)**

- Looks like blister or ulcers
- Infected area turns black

### **4. Gastrointestinal Mucormycosis**

- Abdominal pain
- Nausea and vomiting
- Gastrointestinal bleeding

### **5. Disseminated Mucormycosis**

- Usually infected to the patients who are already suffering from other medical conditions
- Disseminated infection in brain can cause change in mental status or coma

**Diagnostic method:** Culture, biopsy.

**Under microscope:** Non septate broad hyphae with aerial sporangiophores which end in a sporangium

**Treatment & Preventive Measures:** Intravenous amphotericin B with surgical debridemen, wear mask in dusty areas, protection of skin from exposure to soil



## Roles of Parents in Moulding a Child

Sonia Yumnam

Our future is our children and to ensure a better tomorrow, we have to train and shape our children with care and love.

Parents have a big role to play in overall development of their child. The role begins as soon as the child is conceived.

Parenting is an on-going job and it is not something we can get away from once. Children need their parents from time to time to guide them on the right track at different phases of their childhood.

Parenting and child development go hand to hand

There is a saying, *“The apple doesn’t fall far from the tree and the branch grows as the twig groups”*. This describes the effects of parenting styles on child’s growth and development. Parents are actively participating to ensure that the child’s growth stage is worthy enough.

Being the parents, they should be responsive and they should not disclose their bad habits to their children. Parents should be nurturing their child freely, so, that they can share their feelings, challenges, wants etc .

Being the parents, they should never mentally threaten their kids. Instead, parents should try to know the feelings of their child with the love and care with relevance of the current scenario. Parents can take help from expert as well to further improve their parenting knowledge.

In every aspects of life, the following important points are required be a responsible person and parents should also be aware about these things for valuable impacts.

1. **Physical Development:** The right guidance from parents can inculcate children a good regimen of exercise and diet to achieve ideal physical development.
2. **Mental Development:** Parenting styles help the child to learn innovatively, accepting failures, understanding disciplines accepting feedbacks and criticism. It also governs their response to stimuli, thus, moulding their minds.

3. **Cognitive Development:** When children are growing up, positive parenting improves their cognitive, social and problem solving skills.
4. **Social Cultural Development:** It teaches them a set of good values. The child learns how to behave with others.
5. **Spiritual Development:** This helps us to understand religion, ability to differentiate between right and wrong, being empathetic, having the right ethical values.

A healthy relationship between parents and their children is very important for long term. Lessons of life would inherit from parents to children catalyst by the healthy and close relationship between them. Parents are the founding teachers and coaches. The child should be trained and valued in childhood stage itself. Childhood stage is the age to mould the child in the shape their parents want. The future of the children would depend upon what their parents taught them in their childhood and how their parents guided them.

## **The Love Affair between Cinematic Contents & Over the Top Platforms**

Bon Ami Laishram

There are different media to serve entertainment to the audience. Motion pictures are one of those media. Cinema has been the popular medium since the half of the 20<sup>th</sup> century. The art of cinema has revolutionized and became a sector in the economy of the nation. Cinema directors in the West found a suburb in California; they found the location quite efficient and favourable for filming. The place known as Hollywood, real estate emerged in the locality, studios are set up, production companies were founded, artists from all over America shifted in the locality and Hollywood became cinema capital of not only America but also for the World. American started selling the ideas of America, American dreams, American cultures, lifestyles via Hollywood movies which language is English. Hollywood even decimated the British Cinema in the market worldwide. British artists also were attracted by the might of Hollywood.

Hollywood was growing and other cinemas were also growing in the time zone. The Chinese ,the Indian and several other industries were rising. The cinema makers have limited window to sell their products and make money. Theatrical release was the limited window available to sell their products back in the beginning. Satellite television channel was added further as their window to earn money. However, theatrical release is still the major source of returns and profits for the production company.

With the advent of satellite channels, daily soap opera or TV series serve entertainment daily at home. Viewers have to just watch the series on TV and the production company would receive their returns based on Television Rating Point. Cinemas telecasted on satellite channels are paid by the TV channels prior theatrical release and they later telecast after theatrical run.

The purpose of motion picture entertainment is served in these traditional media now and then. Internet emerged as the game changer in the sector in late 1990s. It wasn't that popular at the initial days as its expensive for general public and very few in the pool could effort it. Getting internet connection was seen to be a part of creamy layer in India in early 2000s. Its expensive though. PC was the only device which user could access internet through and PC itself was also found to be costly to working people in India.

The mass exposure to internet began when mobile phone companies provided interface in their device to access internet in cheaper price. Mobile phone ranges from low to high prices and internet is available in almost all the mobile phones. Mobile phones became mandatory gadget, internet access is all over. The basics contents were accessible through the version of the phone.

Google revolutionized the interface by coming up with new phone OS Android which ultimately becomes favourite OS for the phone makers around the globe. Android serves better accessibly than Symbian OS. Nokia lost market leadership in the state of confusion between newly emerged Android, their traditional Symbian and Microsoft. They choose Microsoft for software and this decision duped them and they are still decimated in the market.

In India, internet wasn't access to the level as it was still expensive. Reliance Industries Limited came up with Jio as game changer in 2016. Jio offered free internet service, free calling, free SMS etc. Although, the limit has been altered in different ages of operation, Jio brought more audience on digital platforms. Watching cinema at theatre or home has become a choice now.

YouTube is the online video streaming platform. Contents such as music videos, cinema, news contents, and documentaries are surfaced on YouTube. YouTube emerged as content rich platform since then. It's still first choice for any user. Netflix business model was very unique at the time of their foundation back in 1997. Netflix began their journey as online DVD rental service. They weren't in production or distribution in their initial years. Internet was scare in America back then. DVD sale and record sale also were windows for the production company to reach to the audience and gain remuneration. The era of DVD and audio tape was vintage era. It still exists.

The birth of Netflix as OTT platform revolutionized online content creation, production and distribution. Netflix modified themselves into exclusive platforms where they also produce their own series, shows and movies and distribute via their online platform. They open up their platform for audience to subscribe and access their wide range of contents via internet. Internet wasn't that popular in India before. Netflix doubled their subscribers post Jio Telecom. They successfully brought audience on their platforms opting different marketing strategy. The rise of OTT platforms has increase relevance of talented artists who are usually

side-lined in the mainstream sector for being new to their ecosystem. More platforms have emerged in the market. Amazon Inc. came up with Amazon Prime, Disney collaborated with Hotstar.com, Zee Group started Zee 5.

OTT platforms aren't afraid to bet on movies. They produce their own original movies and contents and release exclusively on their own platforms independently. These OTT windows are boons to new comers who have been looking a for a chance. Talents have evolved and they are loves and appreciated by the viewers for their simpleton attitude. This evolution in the entertainment industry reduces star power of certain artists to much lower level. Star culture is the phenomenon which the production company relied upon for the success of film. Contents and screenplay are secondary elements for them. Audience gained exposure to wide range of contents made by different makers. The stars at home were found at the lowest when they compare their star performance with the series or movie they just watch on OTT. Stars aren't relevant these days as OTT has dumped their monopoly in the sector.

OTT betting on movies and series means that theatres have lost its relevance at some marketplace. Time management and privacy are the concern factors here. It's difficult for working people to crave time for going to theatre. People of this generation enjoy privacy and theatre isn't private place. They love to watch movies at home on OTT. OTT could bet for independent productions because of such people on board.

The future of theatre 10 years later is quite deemed. Theatres may not exist anymore in nearby future. This is even accepted by some of the prominent movie makers. The future of motion pictures is on internet. And the movie makers of this generation are busy making their presence on OTT. They have trail the reliability of OTT in this COVID-19 pandemic season. They rely heavily on OTT for release and distribution. And the success rate is high.

Market penetration is also simplified, outreach has increased, hence, audience base also increased. The person sitting in South Korea or Singapore learns a little about Manipur culture and Manipur tourism when he came across a Manipuri music video on YouTube. The number would keep on multiplying then. This is the primary purpose of art and literature. Tis online interface has successfully served as a new marketplace to sell entertainment contents.

Audio music has also find new window other than existing radio, tape recording sales. Online music streaming sites like Spotify, Saavn, Hungama, and Gaana.com. This is quite effective

in the sense that users don't have to store in the disc or device. Users are coming online and the business is growing.

OTT platforms and home theatres would replace cinema theatres by the middle of this century. Music would be sold completely online. This is the future of motion picture and music. Theatres owners have to find a business to shift.

Major players in the market have grown exponentially in the country. Internet accessibility is the important reason behind the success of VOD platforms. Smaller players like **The Viral Fever (TVF)** also played important role in bring this online revolution in the country. TVF is the pioneer of web series in India. They started as YouTube channel; they have launched their own site as well. Netflix is now multi-billion dollars company. The production companies are slowly leaning towards Netflix for distribution of the contents. The sites like Netflix, Prime Video work on subscription. MX Player is one the few sites whose contents can be watched free of cost..

## Motivation: An Inbuilt Factor

Bon Ami Laishram

Motivation is what people consider as the basic factor to achieve their objectives in life. People usually come across certain ups and downs in their journey towards success or excellence. They begin losing hope as they begin witnessing some hindrances which are not that easy to clear off from their path. They are fine as long as the way is smooth. However, people react differently to the hindrances and all used different tools and techniques to clear the hindrances away from their paths.

A section of individuals has obtained the principle of never turning back and kick the ass of those who dare to come on their paths. A section of people keeps framing strategies to pluck off the hindrances; a group would go for a speech by a motivational speaker. The first group is being aggressive and quick, the second group is visionary and the third group is sum total of failures and fools who echoed the town with, "*We are the fool*" song.

It's important to stay motivated always, however, distracting the inbuilt motivation factor and relying on other's inbuilt factor is an act of sealed brains. Everyone is gifted and they are good enough to guide themselves towards their destinations. But they mute their inbuilt factors and keep looking up at someone who actually hasn't done anything significant in life other than just making use of his inbuilt factor of self-motivation. This proper utilization of the inbuilt factor earns him bread and butter or sometime wine. The ones who have muted the inbuilt factor of self-motivation are paying these insignificant people for using their inbuilt factor of self-motivation. And hence created employment which is one of the bright side of the economy.

Motivational speaking is identification of the problem and suggesting the solutions to the problems and also includes lending their brains to the others who have muted brains. Motivator or the motivational speaking has evolved in the country like an industry runs by either degree holders or non-degree holders like BPO industry. Any Tom, Dick and Harry opens up a YouTube channel, an open Instagram account, page on Facebook or Twitter and then become the motivational speakers. People listen to them. They frame whatever they guided to implement in real life to solve their problem. However, the success rate is very low,

in short, it's mostly inapplicable. Most of them are good speaker and story tellers; they aren't explorers who know every nuke and corner of life. Thus, it's said, "***Listen to all but do your own.***" There is nothing wrong in listening to those people speaking online or offline but living according to them can be both terrible and hilarious at the same time. Those who ever tried to implement the steps stated by these fellow online or offline have all the right to face embarrassment and frustration ahead in future.

Seeking knowledge or secret of life from a learned person is righteous things to do. There is no denial on that. However there is a little problem in lending brain which is as same as yours from someone to solve the problem which that brain is also still struggling to solve in reality. It's very simple and easy to advise someone but the self-implementation seems difficult to them who come forward with tons of free advices whenever any trouble arises to the subjects.



## **Multilanguage: The Key to Effective Communication Process**

Bon Ami Laishram

Ethnic dialect or language is always the first language for all and almost every section of the society proudly speaks their ethnic languages in the public gathering representing their cultures and heritages. This is good for some representatives of people but for the common people to communicate in the multilingual diverse country like India; a common language has to be used to communicate in effective manner among people from different ethnicities.

Communication barriers create misunderstandings between the parties while dealing with a matter and hence resulted in conflict which may not have an end. There is lost-lost situation at the both side if such scenario arises. Therefore, the educational bodies like the Central Board of Secondary Education and other state education governing bodies have been setting up the curriculum by making English subject and Hindi subject compulsory till 12th Standard in every English medium school in the country. The schools under the International Council of Secondary Education and some other state boards have kept French as one of the optional subject which the students in secondary and higher secondary sections can opt for. Most of the state boards have limited Hindi Paper till 8th Standard only.

English is fine for almost everyone belonging either to the remote side or urban side who have been exposed to educational ecosystem; however, Hindi subject is curse for some sections of students in other regions except the mainland and the Northern region of the country. Students find difficulties in coping up with the subject and they get hesitated at the end. They are taught how to get away with the paper in the exam. They are not trained in either writing or speaking; they are trained to identify what the questions mean and cramp the answers to the questions and pass the exams. These are the usual practice in the North Eastern India and some parts of the Southern India as well. Consequently, ignorance leads to a huge gap in the future.

In the world of cramping Hindi answer and identifying the meaning of the questions asked, there are still few sections of students who actually make efforts to learn, read and write the ignored language through classroom activities, movies, TV series and so on. And they manage to learn. They don't face any linguistic problem while staying in the national capital

or other parts of the country. Some are also putting efforts towards learning other European languages like French, German, Spanish and Asiatic languages like Japanese, Chinese to make themselves the multilingual individuals. It will be very useful in future too.

It's very important to be multilingual these days. Limiting to only native language and English won't serve the purpose of being the global citizen in the future. Language can sort out and work out everything in peaceful manner. For instance, an social activist who has been cycling from Kashmir to Kanyakumari with the message of saving water in the planet was accused by a localite in Gujarat for winking at his daughter while he was passing the traffic signal. Actually, he was listening music with his earphone and was reacting to the beat of the music. Coincidentally, the father misunderstood and came on the side of his daughter's prestige. The father gathered locals around and complained about the ugly incident of eve teasing which was not in the reality. However, the activist who lacks fluency in Hindi language failed to clear the misunderstanding and hence, ended up as eve teaser in the eye of the public gathered around. And later ended up with questioning the hospitality of the Gujarati community and slamming the whole community for a simple misunderstanding which he failed to clear due to lack in fluency in Hindi language. Above all these , he was on the Pan India activity with a national flag but end up triggering hatred among the communities just because he was listening music , enjoying the beats, acting on the beats and weak in communication skill. He failed to uphold the prestige of the national flag which means unity at the large extent. This is what happened if people are not multilingual in this high time.

Now, the steps to be taken up by the educational boards and the schools under them is to shape the strategy to induce Hindi language along with English language on their students. There is need for the students to learn other foreign languages apart from English like French, Spanish, Japanese, German, Italian, Chinese etc. to be multilingual and the global citizens. The schools should be providing the services and quality education as per the fees they charged. They should introduced department of foreign language and extra curriculum activities should be conducted periodically to enhance the interpersonal skills of their students. Soft skill classes and personality grooming classes should be the part of the school curriculum. It's high time. Scoring only good marks in HSE is not good enough. .

## **Mythic Pond**

Bon Ami Laishram

Down through the passage of life,  
There is a pond of nectar.  
The pond emerged from eternity;  
With extreme blessings of the creator.

The nectar is meant for good.  
It's for the true guardian,  
It's for immortalizing the true guardian,  
It's for empowering the son of God.

Son of God is the true guardian;  
True guardian safeguards the world  
To prevail peace and harmony in all directions,  
To make the world a better place to live in.

There're many sons in the world  
Who're believed to be the sons of God?  
But they're short lived  
And their teachings fail to prevail peace.

The pond of nectar shall be too far  
That no son of God could reach  
Or else, they're not deserving;  
Or else, the pond of nectar never exist.

## **A Disrupted Journey**

Bon Ami Lashram

After the landslide victory of the Aam Admi Party in the Delhi Assembly Election, [2020](#), the AAP cadres & supporters started entitling their leader Arvind Kejriwal as ‘ Delhi ke Shravan Kumar’ . The title seemed familiar to me but I didn't pay much attention to that. Then, I came across footage of a boy carrying his both parents on tricycle from the city of Varanasi to Bihar. A humanitarian team stopped by, spoke to the boy and helped with foods and water on the way itself. The spokesperson of the team mentioned that the boy was in the shoes of Shravan Kumar. These two mentions took me back to Class 1 colored and pictured chapter of Social Studies or English text book which featured a portrait of a teenage boy taking his physically disabled and blind parents to pilgrimage. He couldn't afford feasible and comfortable transport facilities, henceforth; he tangled two baskets across a bamboo rod, settled his parents on the open baskets, Shravan took the bamboo rod on his shoulder & he walked through the road to pilgrimage with his parents sitting on his left and right tangled baskets. My mother taught me this particular chapter of Shravan Kumar and she continued her further narration with the Ramayana. My mother is my best nursery tutor ever. She taught me till Class 5.

The old parents felt thirsty on the trip. They asked for drinking water to their son. Shravan Kumar stopped under the shade of a tree, placed his parents under the shade, he requested his old parents to wait for a little while under the shade till he returned with drinking water.

Shravan left to fetch drinking water from nearby lake. Prince Dhasharata ( Father of Lord Rama ) was in hunting expedition on the same lane. The prince heard sound of deer nearby the bank of lake. The skin was almost like a deer. The prince took an aim and shot. His arrow struck his target but he heard human screaming due to pain. Prince realized that he mistakenly shot a human. He shot Shravan Kumar while fetching water. He held injured Shravan on his laps & begged for forgiveness and also asked if he had any wish or ambition. Shravan Kumar didn't ask for wealth. He politely narrated his journey and requested the prince to serve drinking water to his thirsty parents immediately. Shravan Kumar also ensured Prince Dhasharata to foster and take care of his old physically

disabled parents before taking his last breath on the laps of Prince Dhasharata. Prince Dhasharata was left with pain and regret.

Prince Dhasharata took the water pot and walked towards the tree where Shravan left his old parents. Prince Dhasharata wasn't in position to reveal the truths to old thirsty couple. Therefore, he portrayed as their son Shravan Kumar and served water to the old thirsty couple. The old parents 're sensible then. They soon realized that the person who served them drinking water wasn't their son Shravan. They started enquiring about their son Shravan to the person. Prince Dhasharata politely begged for pardon and forgiveness and narrated the illusions which led him to shoot their son Shravan till the last breath and wishes of Shravan. Prince humbly sought their permission to allow him to take them along to his kingdom Ayodhya. However, the old physically disabled parents weren't in the state. The demise of their only son hit them so hard that they decided to leave the world in one go. In response to Prince's request, they replied with harsh curse, "We are departing our mortal breathing bodies following our son, likewise, oh prince of Ayodhya , may you also encounter the same fate because of your son ! "

King Dhasharata met the same fate. His beloved son Prince Ram was exiled for 14 years by him against his own will to fulfill the vow that he ensured his third wife long ago. Prince Rama was accompanied by his wife Princess Sita and step brother Prince Laxman. The old king fell ill soon after. He was in utter regret and grievance for all he made his beloved heir and crown prince Ram go through just a moment before his royal coronation as the king of Ayodhya. His health deteriorated day by day. Finally, he was on his death bed surrounded by his three queens, royal priests, and royal physicians. He repeatedly uttered his beloved son's name Ram, Ram, Ram on his death bed and sought for forgiveness for all he has been going through with his wife and half-brother repeatedly before taking his last breath. The old king could live longer with his beloved son as his successor , however, Karma was chasing him to give him the final conclusion of his life. It's all about the unconditional love which parents have for their children and vice versa. Children may find world even after their parents but parents have no world after their children as their children mean world to them. World is blank to them without their children. This is what Shravan's parents felt when they learned about the mortal departure of their beloved son.

## **Importance of Sex Education in School**

Anushia Ningthoujam

Sex education is a curriculum based programme which aims at providing basic information and skills to care for sexual health and personal hygiene. The programme also encourages everyone to have positive and broader approach towards sexual hygiene, roles of genders, reproductive health and sexual orientation.

Sex education also raises awareness about the spread of Human Immunodeficiency Virus which is very prone to the society and other sexually transmitted infections; moreover, it helps to prevent unwanted pregnancies. Sex education involves adolescent developmental stage, parental roles and professional health educators in fostering sexual literacy and health.

During adolescence, human body undergoes hormonal changes and it's in this period that rapid physical, psychological and social changes take place.

New social identities are formed and moulded constantly by social institutions like school, community and so on. It's within this larger society that adolescents grab proper knowledge with respect to sexuality, roles of genders in the society, sexual abuse and healthy boundaries. Therefore, it's important for the parents and schools to educate the teenagers about discipline, manners, consensual sexual relationship and other appropriate sexual attitudes.

Moreover, learning about 'good-touch' and 'bad-touch' and also identifying a trusted person to inform about sexual related issues can prevent the children from being sexually abused.

Adolescent period is a very vulnerable and fragile phase of every teenager. And this is the phase when they begin to encounter many body image issues as they go through this rapid physical changes. Homosexual, bisexual, transgender, non-binary adolescents need accurate and proper information about their sexual orientation as they are left isolated in most settings. A good sex education can help in understanding healthy sexual conduct and positive self-image among adolescents.

It's very important to drive societal taboos away in order to establish healthy communication channel between parents, caregivers and children. Spreading sexual awareness and busting the myths surrounding sexuality are also very important.

The electronic and digital media also play vital role in bridging the gap between parents and children through movies, music and other visual arts. However, its not free from explicit contents like pornography which has become the most searched content on internet in the present days.

The mainstream media's portrayal of sex reinforces unrealistic and harmful notion of sex. Children and teenagers alike are also exposed to diverse cultural perspective on sex, roles of genders, etc. This either breaks or makes the developing mind-set of these young children.

For instance, in India, sex is often perceived as gratuitous, taboo and unseemly. In rare cases where se education is imparted in schools, it's mostly about reproduction and not about sexual consent. Rape culture and marital rape are often normalised due to the cultural peculiar viewpoint of sex.

So, a good sex education is that learning which helps in unpacking preconceived gender roles, relearn new horizon and resist gender discrimination at home and outside.

Manu young women have a little knowledge about menstruation, irregular periods and menstrual hygiene. Menstrual blood is often regarded as profane. Period shaming is often conventionalised as being impure which perpetuate in restricting women's education and limiting their mobility in the country.

Further, HIV/AIDS patients and also those people who are prone to sexually transmitted disease like sex workers mostly feel ashamed or afraid to seek medical supervision, mainly due to prevailing myths and taboos surrounding sex.

In the countries like the Philippines, women can freely go back to their normal life from being sex workers for ages. This is not the case for India. Most sex workers are subjugated to

public humiliation, harassment and in even killed in some cases. This is why a good sex education is a must irrespective of age, occupation, gender and marital status.

In such an unhealthy environment for youths, sex education helps to provide a healthy support system to everyone in all aspects including developing positive body image, consensual relations, etc. Last but not the least, everyone has a right to healthy including sex hygiene and its education in social institutions like school and social club.



## Book Review: Start-Up Nation

Start-Up Nation is the book by **Dan Senor & Saul Singer**. The book was published in 2009 but I have recently completed this book. This is the story of **Israel** rapid economic growth despite being surrounded by not so friendly neighbours, lack of natural resources, small area size and son on.

**Israel** is the only Jewish state in the world and the controversies follow along. Muslim world doesn't recognised **Israel** as a state except the **UAE & Bahrain**. It's because the land is under the radars of two different schools of thought. One is being the Jews who consider the land as their divine homeland and other being the Arabs who consider the **State of Israel** as occupying force. However, there is change in the Muslim world as well. The **United Arab Emirates & Bahrain** signed the **Abraham Accord** with **Israel** under the initiative of the **United States of America** on **Aug 13, 2020** to normalise relation and initiate diplomatic ties with **Israel** as they witnessed the persistent advancement of **Israel** in economy, technology, leadership. The epitome of Arab world also started secret diplomacy with **Israel**.

The economy is boosted through entrepreneurship as its open market economy there. More start-ups flourished in the tiny nation. With a population of less than 8 million, total area size of about 22,072 Km<sup>2</sup> which is even smaller than **Manipur**, **Israel** has successfully taken over **NASDAQ Stock Market** with more than 64 listed Israeli companies. They are very keen about research and development and they are the one who spend a larger portion of the **GDP** in research and development. The surrounding Arab nations don't spend on research and development as compared to **Israel**. The major tech companies **Microsoft, Google, Facebook, Intel, IBM, Motorola** & many more have set up their research and development facilities in **Israel** considering the sharp mentality of the manpower in **Israel**.

**Israel** has always been in the state of war since its foundation. They're in the war with neighbouring Arab states. **Israel** won all wars they fought. One of the famous wars which sent message to the world '*Israel is undefeatable*' is **The Six-Day War**, June, 1967 fought against combined forces of **Jordon, Egypt, Syria, Iraq & Lebanon**. **Israel** defeated all five forces in just six days. The population of Israel was also growing at the same time and per capita income multiplied then and now. **Israel** didn't slow down in the phase of the recession

of 2008. They're successful in increasing seed capital in the time of recession also. Per capita seed capital investments in **Israel** were that of the **USA, European nations and other Asiatic economies** in the phase of the recession of 2008.

They could do all these with much lesser population and smaller area size. Their manpower is their main strength. They left behind developed nations like **UK, Germany and France** in raising seed capital. There was full monopoly of government in the capital market before. Holding foreign bank account was illegal. The American dollar could be exchanged at banks only with exchange charges. Inflation was shy rocketed. They look almost a decade to come out of this. They realised their mistake and sought help from the **IMF** with the help of the USA. They came out of the ruin in the fastest way possible.

The book often signals that the skill, discipline, work culture, teamwork, innovation behind their manpower is the result of the military service they served for 2-3 years. .Military service is mandatory in **Israel**. Prime Minister **Neftali Bennett** , former Prime Minister **Benjamin Netanyahu** were prominent servicemen in the **Israeli military**, even the **Wonder woman** movie actress **Gal Gadot** served in Israeli military for two years. Her expertise in physical activities, knowledge about ammunition is considered to be her plus points in her acting career. Israeli Military helped Singapore in shaping their military structure; the ultra-orthodox Jews and Arab Israelis aren't inducted in the military. So, they are little backward in entrepreneurship as compared to those who came out from military. These groups rely on government welfare schemes for survival. Their population is also growing rapidly.

The book addresses the rise of the **state**; however, it didn't mention anything about the internal conflicts.

There are many lessons that the bigger nations like ours can learn from the tiny nation. After all, it's the leader and manpower behind the success of the nation.

## Editor's Book Choice

Books are the ultimate records of knowledge and its powerful medium of passing knowledge all through generation to generation and era to era. Reading habit would enhance our knowledge and mental abilities. It's a form of mental exercise.

I would suggest **3 Books** which students must read before stepping in their colleges. The books are picked after reading, analysis and reviewing,. I believe these books would help young students in their long journey of life ahead.

1. **How to Win Friends and Influence People:** This book is written by **Dale Carnegie**, an American author, life coach, corporate trainer. This book was published in 1936 & it's been one of the bestselling books of all time. This book is the ultimate guide to make move in the diverse ecosystem framed by mankind. This book would urge you to get vision of your own, encourage you to build your own self prestige. It's all about personal growth and the way to improve it further in life,
2. **Rich Dad Poor Dad:** I believe the teenagers are quite familiar with this title or already read this amazing book. This book is written by **Robert Kiyosaki**. This book can be also termed as financial guide as it focuses on financial literacy, wise investment, start up, building sustainable wealth for life. This book follows a storyline and characters. It's about how a rich father teaches his child to build wealth through entrepreneurship and further multiply through investment and a poor father teaches his child to work hard all his life. Life is the same routine cycle as per the poor dad. Work hard, earn, save are what poor dad teaches. Rich dad teaches to work hard, earn, save, invest wisely and multiply the amount.
3. **Leaders Eat Last:** This is a book by **Simon Sinek**. It addresses various natures and roles of leadership. The conduct of good leader is listed briefly throughout the book. Leadership is indeed important that the success of country or company depend upon the leadership. The area size or availability of resource can't guarantee success of nation. The leader has to be strong, able and far sighted. I ensure this book would activate the leader inside you. It's the leader and manpower that make nation great, not the area size. Japan defeated two of the largest countries by area size Russia and China in War. Japan defeated several other larger and resourceful nations in economic ranking. Japan could achieve all these because of the leaders they have and the manpower who believe in the vision and teachings of their leaders.

## Upcoming Next

### 1. Quiz Competition

- Registration free of cost
- Only the first **50** registered Students will be considered for the Quiz Competition.
- **Date of registration starts - 5th July**
- Students must register first from our website
- It will be a **Zoom video conference session** for the elimination round and the top 10 student will be selected.
- The Selected top 10 students will again face the **Zoom video conference Quiz** and will select the Top 5
- **Date of Quiz -15th July**
- **Final Round Quiz - 25th July**
- Topics: - **General Topics of Science, Contents from our Magazine, general Knowledge and world affairs**

2. **Magazine** : Tentative date of the launch of the **Second Edition of the Baseline Magazine** is **1<sup>st</sup> August 2021**

### Rewards for Winners

- **1<sup>st</sup> Position:-**  
Rs. 1000 + Certificate + Magazine
- **2<sup>nd</sup> Position:-**  
Rs. 800 + Certificate + Magazine
- **3<sup>rd</sup> Position:-**  
Rs. 600 + Certificate + Magazine
- **4<sup>th</sup> – 10<sup>th</sup> Position:-**  
Certificate + Magazine

We are always ready to help you in any area of your study.

## Top 10 Ranking of the First Baseline Online Essay Writing Competition

TOP 10 Ranking of the First Baseline Essay Writing Competition			
Rank	Name	Class	School
1	Anushia Ningthoujam	11	Millennium Inst. Of Sciences
2	Sagolsem Dayananda	12	Vision Creative School
3	Moirangthem Radhapriyari	11	PR English School
4	Bidyachandra Salam	11	Xtra-Edge School
5	Levananda Sorokhaibam	9	Slopeland Public School
6	Ksh. Abhinash Singh	10	Victory High School
7	Aheibam Heithoiba	10	Ajad English School
	Sneha Khaidem	10	The Imphal Public Hr. Sec. School
8	Devtschy Moirangthem	10	St. George High School
9	Oshin Wahengbam	10	Heritage Convent
10	Laishom Lokeshori	11	COMET School
	Phourangini Kharibam	9	Catholic School

The Baseline Team congratulates all the achievers and thanking all the participants for participating. Participation is important.

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