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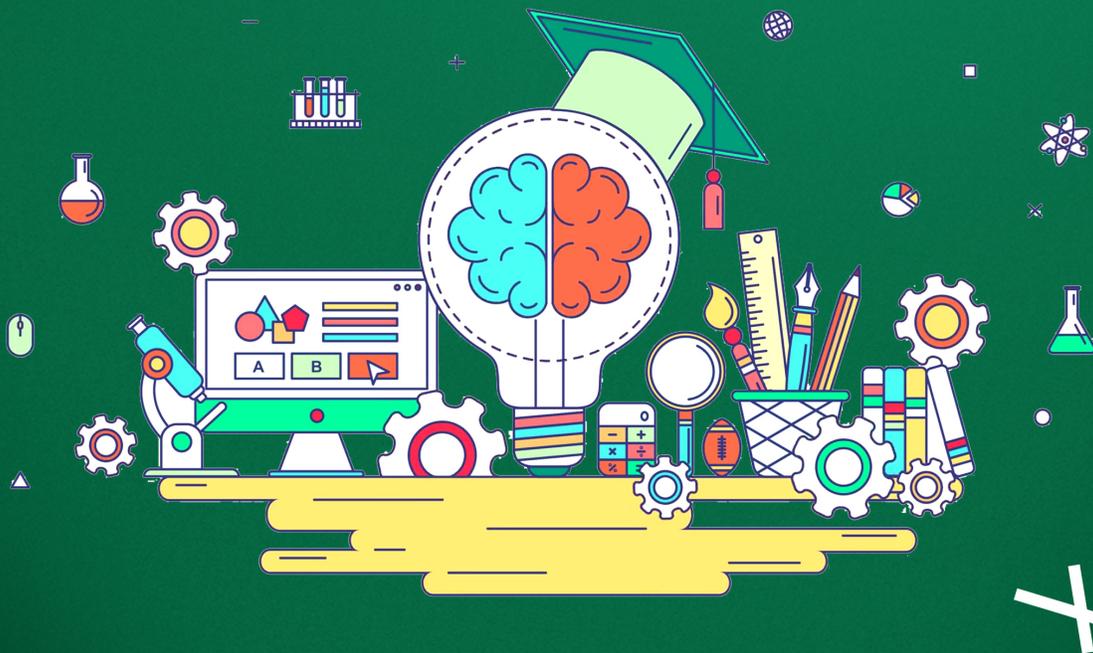
September, 2017 edition



EpIC

Newsletter

The Creative Grey Matters..?



ENTREPRENEURS & INNOVATORS CLUB

DIRECTORATE OF INNOVATION, PROJECTS & CONSULTANCY

**SAM HIGGINBOTTOM UNIVERSITY OF AGRICULTURE,
TECHNOLOGY & SCIENCES**

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Timeline of IPC Events

2017 - 2018



From the Editor's Desk:

Who is this *Outsider*? The one who is bizarre? Or possibly outstanding? Or a weirdo? How does one judge certain people as 'not belonging to'? What are the factors that lead to some people being 'outside' and the others being 'inside'? I say they be those creative brains in education that definitely are here to think offbeat! In attempting to argue our way to a



rationale, we realized that we were also attempting to define the concept of a highly nebulous inside. And in doing so, we discovered that there is really none, because at one stage or other in our lives, for various reasons, we have all been implicated. And so here is an ode to the creative grey standing tall and thinking different! The personal pieces are an extension of this editorial. Each of us has had an experience of being on the Outside. And this time we being outside think on the lines of Education. Education is such a dry boring word and we try to put in a little topping of our spices to serve this Education as a creative's domain—both from the Guru and the Shishya perspective! These pieces are an attempt to explain what the indefinable outside has meant to us. The articles talk of the Outside as defined by our perceptual framework- a young enlightened group, educated, urban and semi-urban one, trying to bring in creativity in education. To us, the Outsiders are the ones who we may see, but do not usually hear. Or hearing, choose to ignore them because they aren't mainstream. And, who wants to be mainstream?! It isn't the EPIC swag anyway!

Keep that creative fire burning!

Aneesha Henry

Editor in Chief, The Outsiders.

Assistant Professor, School of Film & Mass Communication,
SHUATS.

“Innovative Education”- the need of the hour

Education has seen many innovations in its methods, practices, tools and philosophies in the past 10 to 15 years than earlier before. Naturally, we've leaped in implementing the use of new teaching technology in classrooms. Today classrooms are more efficient and exciting since the advent of laptops, tablets, smart classrooms and other devices. Thanks to scientific discoveries about how our brain work, there have been mega shifts in how and what students are taught.

There is a basic difference in high school learning as compared to universities and that is in the approach of the thought processes involved to master a particular subject. We learnt Newton's law of motion in our 8th standard physical science and the same thing we are applying in our post graduate studies with a hint of innovation attached to it in the subjects called mechatronics, robotics. Basic concepts have developed gradually like this as time passed by with different innovative minds nurturing all the conventions resulting to excellent applied research in every field. Twenty years back who would have thought that we can communicate with our friends who are sitting far away from us in different parts of the world? Facebook, Twitter and other social media sites solved the problem everyone faced twenty years ago. The urge to do things with less hard work has even led human beings to dream about “Time Travel”. It's easy to fall into the trap of thinking that innovation is all about technology and where it's going to take us next, but in reality fresh ideas can and do spring forth in any educational domain.

For innovative education we need to rethink the traditional notions of where, when, and how people learn. Learning will continue within traditional structures, but it could also be more widely available through new emerging models. Can the simple but powerful notion of combining no cost high quality content with the reach of the Web fundamentally shape these emerging models and change teaching and learning? That transformation is possible, though yet untested in several stages. Cumulative development in the system and transformation of minds is the only way to impart innovation into education which is the need of the hour for socio- economic upbringing of the society. This issue of EpIC Newsletter will try to find new dimensions of innovations which is needed for the overall transformation in the education system.

By

Deepan Mazumder

PS to Director,
Directorate of Innovation, Projects and Consultancy (IPC)
SHUATS

World IP Day Celebrations..... A Memorable Day

World Intellectual Property day, the date on which the convention establishing the World Intellectual Property Organization entered into force on 26th April, 1970, was celebrated in the university. The programme began in the name of lord all mighty with a cheerful welcome to all respected dignitaries reverend Prof. (Dr.) Rajendra B Lal Sir, Respected Registrar Prof. (Dr.) Robin L. Prasad, , Distinguished guest : Dr. Bangali Baboo, Former National Director (NAIP) Indian Council of Agricultural Research and Former Director of Directorate of IPC, Dr. Bini Toms, Director, Students Service Center, IGNOU and :- Mr. Tahir Hasan, Vice-Chairman, Allahabad Beverages, Resource Person, Entrepreneurship Development Cell, IPC.

IP refers to creations of mind such as inventions, literary and artistic works; designs; and symbols, names used in commerce, it needs to be protected by law through patents, copyright and trademarks, designs, etc. they enable people to earn recognition or financial benefit from what they invent or create by striking the right balance between the interest of the innovators and the wider public interest IP system aims to foster an environment in which creativity and innovation can flourish.

This Year the theme was *“Innovations: Improving Lives. Director General of WIPO Francis Gurry delivered a message stating “With this year’s World Intellectual Property Day campaign we are celebrating innovation and how it improves our lives. We are also celebrating all the risk-takers, all those who have dared to bring about positive change through innovation.”*

On the website of WIPO, there is a world map displaying the places where IP day is celebrated. This year the name of SHUATS along with the poster was also presented on the world map in WIPO website.

A brief presentation was given by coordinators of Experiential and Auxiliary Units mentioning about the products arising out of these units and marketed under the name of “Aggies”, a trademark of SHUATS. Technical sessions comprised of lectures on “IPRs and Agri- innovations- An Overview” by Dr. Bangali Baboo, Former National Director (NAIP), Indian Council of Agricultural Research and Former Director of Directorate of IPC. An interactive session was delivered by Mr. Tahir Hasan, Vice-Chairman, Allahabad Beverages, Resource Person, Entrepreneurship Development Cell, IPC on “Ethics of Business” followed by a session on “Ethics on Innovation” by Dr. Bini Toms, Director, Students Service Center, IGNOU.

Post-lunch session was fun-filled with loads of activities for students of SHUATS. Working Model Competition, Pitch Perfect, Sell in One Minute (SIOM), Vigyapan and Abhivyaktee were organized. The results of these events were announced during the Valedictory session.

In addition to this, drawing competition, popsicle stick craft and Collage Making Completion were also organized in the Ethel Higginbottom School to inculcate in beloved students the culture of creativity and innovations. The activities were organized for all the classes starting from Nursery to XII.

Swarnima Dey

Why I have been documenting my life and you should do it too?

First let me start with a very quick introduction. My name is Karan Singh and I am the founder of an e-commerce brand in the US and I am also one of the self-proclaimed social media influencer of India. The reason for that is because around 8-10K people through Instagram and Snapchat daily see what is going in my life. I get different kind of brand deals from small brands and yes; sometimes I get to travel free or at half the ticket prices. But, this is not at all the reason why I started documenting my life.

One day while working in the midnight I asked myself a question that “Am I having a good life? Or is this how the ideal happy life looks like?” and I kept thinking that till I came across a Ted Talk about “The power of Time Off by Stefan Sagmeister” and it was about how he usually takes a time off from work to do what he thinks that makes him happy. I was instantly inspired and I thought I also want to take a little time off and need to travel and do other things which are not related to work. Let’s be honest, we all listen to such talks and get inspired and make plans and don’t sleep whole nights making those plans and do nothing about it next morning other than going to college/work with dark circles. Well, that’s what I did too.

Then just another day, an idea stuck and I started a project called “10 second every day”. Basically the idea was to record the best moment of my day for 10 seconds every day till I can’t record anymore. It can be anything maybe the beautiful sunset, laughing like crazy on a friend joke, crossing another level of fitness or maybe someone puking outside of a bar. Basically the idea to record 1, 2 or 10 seconds of your day or the best moment of your day which you want to remember for a lifetime. The purpose of this project was:

1. I hate not remembering the things that I have done in the past. There are so many things we do on daily basis which we have no recollection of even after a month unless someone brings it up. So even if I live up to 60 years of age I will have 33 hour of video, which encapsulates 35 years of my life.
2. The second reason was that it motivated me to wake up every morning and try to do at least something interesting in the day. Something different which maybe I have never tried before or maybe something which I did earlier and really enjoy it.

The one major issue was that as days, weeks and months go by time just seems to start blurring and blending into each other and these videos are the only way I have to trigger my memory of all the good things happen to me. These 10 second videos became way to bridge that gap and

remember everything I have done whether it's my first bungee jump, first trip with random stranger, motivating speech you found online or falling for someone from foreign country, I have it all captured with me. It just don't bring those 10 seconds back to me, it brings the whole day back and I kind of re-live it just by few clicks.

It's not all good days; there are bad days as well and sometimes the worse. Days where you face a huge loss in business, days when you lose someone you planned your future with or maybe losing a family member forever and you think, there isn't anything good about this day. It helped me realize something very different about this project that day. That it's really difficult to record something on those bad days, hell it's even difficult to take out the camera on such days. We as a generation are tend to take our camera out on awesome days on like "Wow, what a party or concert", "Wow, what an amazing mountain or beach" or maybe the time you look beautiful in the new apparels. We rarely do that when something horrible is happening or we are having a bad day but I realized it's very, very important to do so. It helps you appreciate the good times.

It's not always going to be a good day or good month but when you have a bad one, it's very important to remember it as much as it's important to remember the good days.

Time is a beautiful concept till you are left with very little. By the time you are dying you won't be regretting the Iphone/Mac you couldn't buy or the car you always wanted. You will be thinking I wish I had spent more time with the loved one or doing the things that actually made me happy. We are living the most amazing time ever where almost everyone has an HD camera in his or her pockets. All you need to do is just make 10 second video or less than that of the most important moment of your day and you will see yourself changing your life for good.

I finally have an answer to "Am I having a good life?" .Do you?

How Can People Find You?

You can add me on:

Instagram - @Instaakaran

Snapchat - @RandomizingK

Or if you find a Sikh guy talking to his camera in public, there is a good chance it's me.

Karan Singh





To Keep Going on!!

Education is one of the pillar on which the life of an individual stands. The foundations of the pillar is laid down by the parents and continued to be nourished by the teachers. After coming out of protective shell of school life, college life is an important determinant in shaping the future of the student. It is a time when students are exposed to multitude of areas including those having profound impact on professional and social life. Today, there are lots of talks and awareness campaigns being launched to promote Start-up India, entrepreneurship, technology based incubation etc. These programmes are meant to nurture the creative talent of the youth of India. Creativity can be in any field starting from performing an experiment in the lab to design a product, artistic work, dramatic work, literary work only to name a few. Education is not only about gaining the knowledge from books and practical's performed in lab or field and passing the exam for getting the degree but it's about how to use it in day to day life to solve practical problems for the societal benefit. After getting an insight about the various topic from the experienced minds in the classroom, you as a student have to explore it from various angels. The topic can be explored by reading through various authentic sources like books, research papers, blogs, watching videos, discussing among your friends, teachers, parents etc. The more you dwell into the topic more your mind will work upon them to learn about its various parameters.

This attribute can eventually lead to designing of new inventions either in order to produce an entirely new product or to improve the existing one. These products or services so created will be your own intellectual property borne out of your beautiful mind. The great scientist of the world who have come up with the wonderful inventions of which generations are reaping the benefits have also watered their creative talent with their hard work and dedication. For example, the very famous invention VELCRO®. The story behind this is “One day in 1941, Swiss engineer George de Maestral took his dog for a walk in the Swiss Mountains. By the time they returned home, his clothes and his dog were covered with cocklebur seeds. Curious about what had made these seeds stick to fabric, George decided to examine them under a microscope. He found that the seeds had tiny hooks that had stuck to the loops of the fabric. George decided to use the same principle of tiny hooks and loops to develop a new and better fastener than the zippers available at that time. After many experiments he developed two nylon tapes (one covered with tiny loops and the other with tiny hooks) which stuck together when pressed. The VELCRO® brand fastener was patented in 1951 and is now used in many products including shoes, jackets and bags.

It may happen that in due course you may feel dejected and also a waste of time being over-occupied with completion of task of classroom teaching. Nonetheless, the fact learnt in classroom, applied in lab, applying your mind in doing practical and eventually giving the exams in order to test your knowledge are the basic foundation seed to nurture the creative talent in-built in you.

Last but not the least...this is your time, your future, your career. So it has to be you who has to come on the forefront and work for yourself rather than sitting back lazily or blaming others for not letting you progress.

Au Revoir!!!

Joohi Srivastava

IP Development Officer

Directorate of Innovation, Projects & Consultancy

SHUATS

Creativity in Education

Creativity is the freest form of self-expression. The ability to be creative can reflect and nurture child's emotional health. The creative education means an interactive education based on individual needs and abilities.

The new education strategy also needs freedom in learning and teaching and an active mode of learning influences innovative personality development, which creates something unique and turns it into entrepreneurial activity. Throughout the world, national governments are recognizing their education systems to meet the challenges of 21st century. Along with economic purpose, education must enable people to adapt positively to rapid social changes and to have lives with meaning and purpose at a time.

When students are creative in a classroom they are likely to- question and challenge, make connections and see relationships, explore ideas and options, reflect critically on ideas, actions and outcomes. Creativity is as important now in education as literacy and we should treat it with the same status.

Students can't learn relevant life skills in an artificial, fearful and stagnant environment. Interaction in a meaningful, real-life setting plays a crucial role in learning and acquiring future behaviour patterns, especially learning how to ask appropriate questions. We need a high-intensity, holographic-based, self-directed learning climate capitalizing on a child's curiosity, creativity, strengths, capacities, interests and experiences so that all student sense their own personal power and giftedness.

Juhi Agrawal

16MSFT005

M.Sc. (Food Tech)





New Age Ways in Education in India

Innovation is a process through which the social and economic value is extracted from knowledge by developing, implementing and generating ideas that can produce improved or new products, strategies, processes or services. It can be viewed as the application of better solutions that are needed to new requirements, unarticulated needs or existing market needs. It can be simply defined as a new idea, device or method.

There have been many innovations in every field. Among them, education is a field that has seen great innovations. Present education scenario is greatly influenced and highly driven by technology. The technical advancement in the field has transformed the learning system at its core. For several years now, educational technologies have impacted how students, corporate, and business professionals progress in their respective fields. Technologies like virtual classroom, mobile devices, digital readers, on-demand video, online courses, and cloud-based LMS are continuously catering the market, and constantly thriving for innovation. Established edu-tech companies, entrepreneurs, and educational institutes are identifying the possibility to leverage the innovative products beyond the boundaries and designing tools that quench millennial's demands.

India is known as one of the world's top education destinations in the global education industry. With some of the best universities and colleges India has been successful in attracting bright talents all over the world. India may not be the early adopter of technology in the education sector but with access to high speed broadband internet and low cost computers and mobile devices there has been growth in the use of technology for learning. Today India is one of the

fastest growing markets for e-learning based products and services. Some innovations in education which are used in India are: -

1. Learning through mobile apps- There is a huge opportunity for delivering e-learning content through mobile apps. Today educational mobile apps are available on popular platforms like Android and iOS. Developers are creating educational apps based on particular subjects. They are simplifying complex concepts with easy to understand illustrations and animations, puzzles games etc. There are apps available for grammar, physics, chemistry, mathematics and so on. With the prices of tablets and smart phone coming down people from villages and remote areas can also make use of this apps to learn and update their skills.

2. Online learning management system- Many colleges and universities in India are integrating online Learning Management System or LMS platform into their web portal. Students can remotely login to access course material and also attend live classes with teachers.

3. Classroom based learning- Nowadays technology has become integral part of classroom based teachings. Today in many schools, colleges and universities in India instead of blackboard, projector screens are used for teachings. Student experience a different kind of set up in today's technology based classroom. Gadgets like tablets and laptops are used to take down notes. Animated content are created on various subjects and in different languages so that students can have better understanding of a complex subject in a simple way.

4. Distance education- Distance education is a way of learning where the students or working professionals can learn the courses remotely through online access and interact with faculty via online classroom. It helps students to interact with their mentors or tutors directly through chat, e-mail or phone call. Indian is a developing country and for many students who are living in remote places or villages getting degree for higher education is still a distant dream. In such instances technology enabled distance education can help them to complete their studies, upgrade their skills and get a degree. Often it is education's own practices that limit the broader uptake of new technologies. Whether it is insufficient ongoing professional development or the reluctance to accept the need for digital media literacy, significant challenges stand in the way of smooth assimilation, but, the need is to accept these changes for the higher efficiency in the field of education in India.-

Shambhavi

(16BAJMC031)

Glimpses of World IP Day



Innovation: An Idea Can Change Our Life

From an apple to an apple iPhone, a great innovation is always involved. Who knows an apple can do so much to us? Now, what's an innovation? Surely, it can be said that an innovation is something new created or reinvented with lots of different ideas involved in it. An innovation can be said from a small child building block games to his school or college practices, where there is a lot of chances of doing mistakes even though he will learn out of his mistakes.

A creative mind of the young students can be a great benefit to the society. There are several examples of this, like a simple watch which is definitely a result of a creative mind that came from an hour glass. Sometimes our requirements become the reason behind an innovation like in the earlier times, there were limited options of documenting, it was either done on a leaf or on a wooden plank but today we have a plethora of options. We all can be an innovator in many different sense, some-times we may succeed and sometimes not. Cinema is one of the biggest example, in which there were lot of innovations seen from time and time on.

An innovator definitely uses nearby items or sometimes he might go far for his work, it's just his creativity and ability to create something new or renew it. An innovation began when a small idea strikes in our mind and ends only by completing it. But it is also important that without taking any risk an innovation is not possible. A great example of this is the co-founder of 'google' named Larry Page. He had not been knowing that the innovation he is trying to do will let him a big name and become the world's biggest search engine. One of the greatest innovation of the centuries is 'fire', without which many things on earth would be impossible. This greatest evolution was also done by human being, that's what make us different from an animal. We exist because we thought for our needs and these needs give birth to the INNOVATION.

Harsha Sharma
(16MAMC002)



Indian Protection of Plant Varieties and Farmers Rights Act: Current trends and future perspective

India has been traditionally agrarian country as half of the population till date continues to depend on land for their basic livelihood. India's agriculture segment is expected to grow by about 2.5 percent this year which is comparatively very less. India is unable to make drastic change profits in agricultural/horticultural sectors along with animal husbandry and fisheries when compared with other countries and the traditional excuses for the same are worn-out. India having largest number of agricultural scientists on the government payroll in the world, their research track record has been so awful that India's current agricultural productivity is disorganized. Production of grain and pulses has in reality been sluggish; there has been practically no get through in seed or yield since the Green revolution. Far from developing new strains, the number of field crop varieties released by ICAR actually fell by 50 percent between 1997 and 2001, despite persistent increase in financial support for the organization. These reasons led to the formation and enforcement of a special act particularly for plant varieties as Protection of Plant Varieties and Farmers Rights Act, was approved by the Indian Government in October 30, 2001 after India became signatory to the TRIPs in 1994.

Protection of Plant Varieties and Farmers Rights Act (PPVFRA) is a quasi-judicial authority, which conserves bio-diversity of nation, safeguards farmer's rights, research organizations and plant breeds developed by private seed companies. All original breeds developed shall undergo rigorous tests for Novelty, distinctiveness, uniformity and stability (NDUS) prior to registration. The authority issues patent certificates for such breeds. PPVFRA also fights for the infringement of the breeders' privileges and tries to compensate fatalities incurred by farmers owing to deceptive trade practices of seed firms. Compulsory license are considerations for successful implementation of the Act. The benefit sharing

from the breeder, the royalties, the compensation provided to the communities from any national and international organization and other sources are maintained by National Gene Fund. The authority provides recognition and reward for farmers who were transformed as breeder and conservator of rare varieties. Nevertheless, least gaps were found in the institutional mechanism of the Act, still could not attain landmark achievements in enhancing agriculture productivity.

A false dichotomy centers around where the two IP regimes govern the dispute: the patent act and PPVFRA, these legislations does not necessarily trump each other, but co-exists. Patents in specific include the technology procedural aspects creating transgenic varieties and the organisms in new and inventive transgenes and their constructs only. Any seed company using donor seed and develops a new plant variety is entitled to register under PPVFRA.

One reason for poor results of India's Research and Development in agriculture is the condition of state agriculture universities, where most of the sanctioned budget is utilized as staff salaries and finally the remaining reduced amount are used for research. This scenario are to be changed by spending funds purely for research, funds relating to salaries and other administrative incidentals must be covered by funds generated by the centers themselves. The institutes and scientists should engage in joint ventures with private sector companies to form commercial spin-off from their research.

Research and technological advances by themselves are inadequate to lift agriculture development. Investment in rural infrastructure, in particular roads as well as storage and other marketing facilities has also been crucial. In India the main form of government assistance to farmer has been through subsidies for fertilizers and power rather than investment, which ultimately distort the market as well as reduce resource efficiency. We must focus on what we are most suited to produce instead of importing it. Awareness among scientists, policy makers, breeders, farmers, agriculture students, village communities and the private seed sector must be through vernacular press, radio, television and the Internet secures the recognition and reward provided under the Act. As a commencement, all agriculture scholars should be sensitized and integrated with awareness of these regulations and educate them in this direction to develop and capitulate high yield varieties. It is the obligation of university to embark on such responsiveness program, takes a moment or two to accomplish its objectives but never fall short. This practice and knowledge facilitate scholar in their career as well, eventually leads to sustainable agriculture.

Aruna Andy, Development Officer (IPR)
University Publication Division

Dreams like Reality

It was like yesterday, when I started my schooling and went on the first day to school. Being one of the exceptional cases as my mom said; I never cried, instead I loved it. My teacher and class-fellows, I remember got familiar with me instantly as I was really talkative you can call it a talent, I perceive it that way. Keeping it aside which I would later continue, switching on to the goals that lay emphasis on our lives. There are people who aim for something and some who don't. Who don't also have dreams back in their head, the sub-conscious that they don't realize. From dreams, I didn't mean a fully furnished house, a limousine and few servants ready to bow down. Dreams comprise of passion and passion leads to the fulfillment of goals. Living it being alive and driven into it most of the time. In my case, I was misled unfortunately. A bright student in high school, I landed up at ambitions like being a pilot and going on cruising a plane or a doctor who would make his patients feel at home. Later, I realized it wasn't my cup of tea not relatable to the kind of skills I own. All I used to do was speaking. YEAH. Speaking specifically. Not gossip but speaking in the group discussions at school (the debates were better anyhow), it could also be the narration of a skit or a virtue in 5th standard. I didn't know, sooner or later it would become my weapon, my skill. The kind of confidence I gained holding the mike, going on the stage as if this would be my last chance to say things I would never be able to. I always craved for it. But eventually, there has to be a sad part. As I graduated from school with commerce I had to continue with the same stream which was certainly forced. It was grievous because somewhere deep down, I knew my instincts. It would pull me towards my goal and that happened. I left everything once for all and went for it. The path was difficult but not impossible. Dream of becoming a speaker, a public speaker. Influencing people and getting motivated to do more and experiencing new things each day. You would think has she achieved any goal? Will she only talk about dreams? But for me I really touched it, felt it healing me like there was no other cure for me better than this. Living are dreams come true, are already achieving it.

Toshika Mishra
17BAJMC022
BA-JMC 1st sem

“Should Artists Be Given More Freedom”

The issue of freedom of creative artists has extremely grown in importance in most countries over the few decades. It is considered that government should not interfere with their works and the artists should be free to do whatever they want. While I accept many artists are sharing the valuable idea for the tremendous development of this world. I believe in certain area they should be controlled by the rules and regulation.

Admittedly, the human civilisation has approached this sophisticated stage because many creative artists have opinions in the form of pictures, music, or films. For example, many creative artists like *Leonardo da Vinci*, *Pablo Picasso* had first designed the aeroplane, but at that time nobody thought of it. It was just a mere imagination. Nobody could think that human can fly. This example makes it clear that work of artist can lead to immense improvement of mankind.

On the other hand, there are vital reasons why the work of artist should be controlled in some certain area. Most people believe in religion, god, so the artist should not portray any act which hurt the religion of an individual. Art should not go against the colossal embarrassment to the human society.

So the conclusion is, the creative artist is indispensable in our society although some artist has tended to draw against our cast, creed, and religion. In my opinion partial control of the government must be there to ensure skilful harmony in the country.

Anunay Mitra

14BTFT064

B.Tech Food Technology

Pictorial Study



**We the YOUTH OF today's world
Don't rely on the pen and paper Format of study.**

#change_the_trend.

**HERE IS AN EXAMPLE OF EASY SMART SUCCESS.
USE OF CHARTS AND GRAPHS TO STUDY THINGS.**



REMEMBER WHEN YOU WERE A CHILD AND YOU WERE PUNISHED VIOLENTLY SPEAKING THE SAME QUOTE.

#MATURITY_EXIST

WE ARE IN STAGE TO THINK EVEN THEY WERE WRONG AT THAT TIME.

Anunay Mitra
14BTFT064
B.Tech Food Technology

Nobel Prize.....A legacy of Alfred Nobel

Nobel Prize, a set of highly-acclaimed international awards given to the individuals for recognizing their valuable creative talent in the field of academic, cultural or scientific advances has been announced for the year 2017. The brilliant prize winners are: -

<i>Physics</i>	Kip Thorne, Rainer Weiss, Barry Barish <i>for decisive contributions to the LIGO detector and the observation of gravitational wave.</i>
<i>Chemistry</i>	Joachim Frank, Richard Henderson, Jacques Dubochet <i>for developing cryo-electron microscopy for the high-resolution structure determination of biomolecules in solution.</i>
<i>Physiology & Medicine</i>	Michael W. Young, Michael Rosbash, Jeffrey C. Hall <i>for their discoveries of molecular mechanisms controlling the circadian rhythm.</i>
<i>SverigesRiksbank Prize in Economic Sciences in Memory of Alfred Nobel 2017</i>	Richard Thaler <i>for his work on behavioural economics.</i>
<i>Literature</i>	Kazuo Ishiguro <i>for having a great emotional force in novel, to uncover the abyss beneath our illusory sense of connection with the world.</i>
<i>Peace</i>	<i>International Campaign to Abolish Nuclear Weapons (ICAN)</i>



Joohi Srivastava

Intellectual Property Development Officer

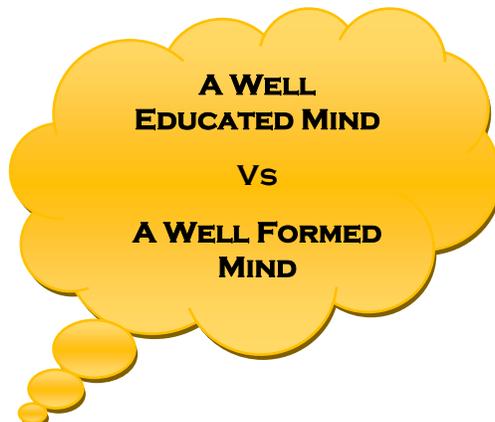
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YOUR RESPONSES WILL BE PUBLISHED IN THE NEXT ISSUE OF NEWSLETTER

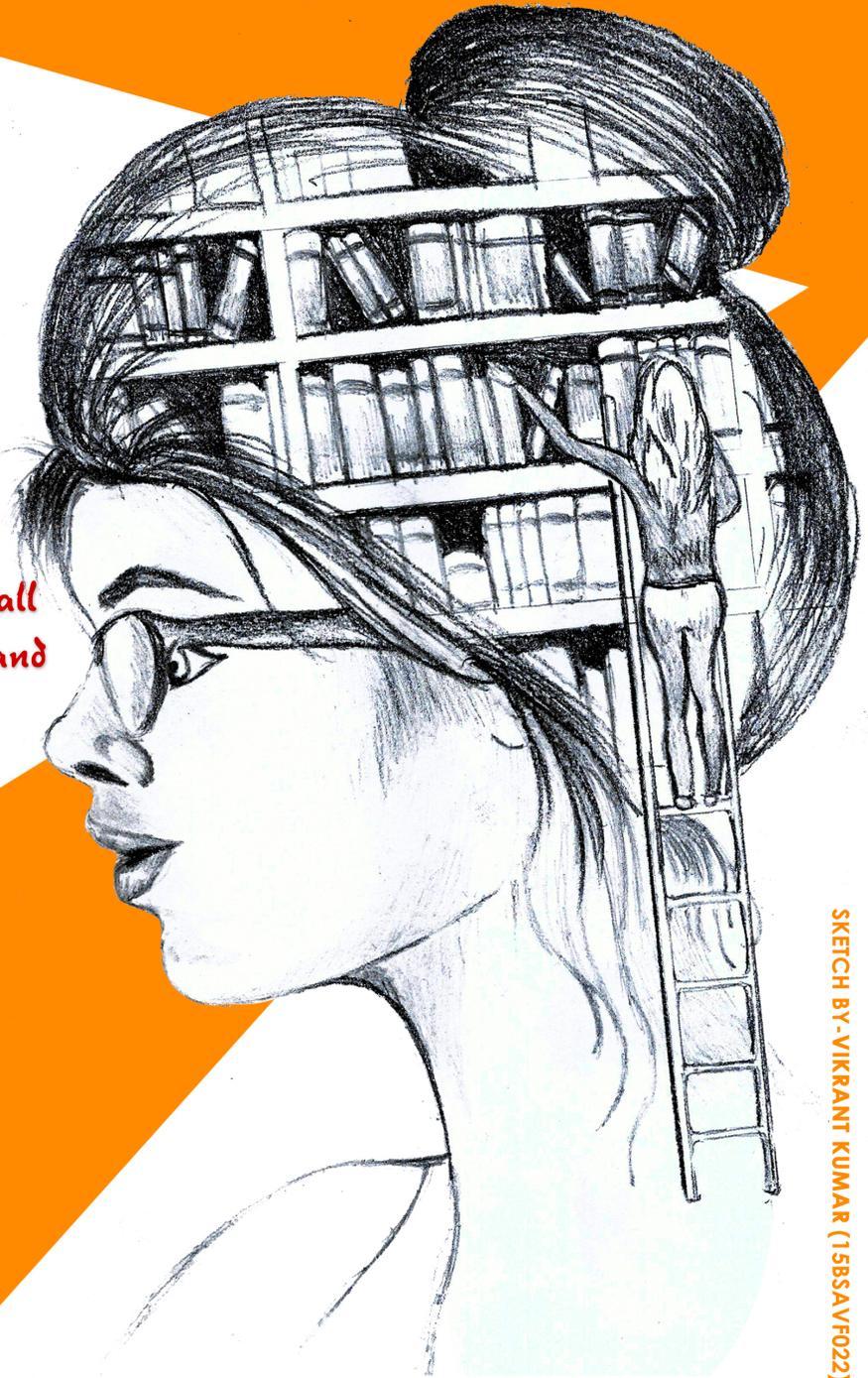
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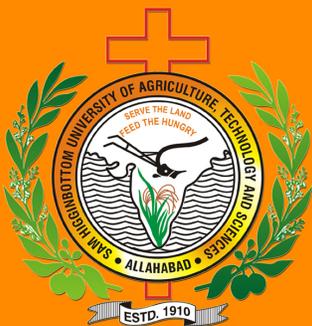
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“Imagination is more important than knowledge, for while knowledge defines all that we currently know and understand, But imagination points to all we might yet discover and create.”

Albert Einstein



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