



**NEWSLETTER**

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# **WAVLAMBAN**

**(SELF-RELIANCE) 2020-2021**



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# Greeting Messages



**SRI SAMRENDRA SINGH**

## Chairman's Message

It is a matter of immense pleasure and satisfaction that ISM Patna has come up with its first issue of the biannual Newsletter “Swavalamban” (Self-reliance).

I hope that it will provide a platform for the students as well as the erudite teachers and non-teaching staff members to exhibit their complete profile of academic along with co-curricular activities, achievements, and progress during the stipulated period.

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I hope that it will provide a platform for the students as well as the erudite teachers and non-teaching staff members to exhibit their complete profile of academic along with co-curricular activities, achievements, and progress during the stipulated period.

The publication of this newsletter is a stride 'Towards Excellence' by creating an ambience for nurturing innovation, creativity and awareness in our students. Certainly by this move our commitment to holistic personality development of the students to compete with professional leaders in the Globalised world order is to be carried out in deeds.

On the auspicious occasion of our 11<sup>th</sup> Foundation Day, the release of the 'Swavalamban' is to be an initiative that will mirror the academic life of the Institute phase by phase and it will also make our students Conscious, Creative and Communicative to achieve their goals.

I wish this Newsletter and the esteemed ISM team all successes.



**SRI DEVAL SINGH**

## Vice-Chairman's Message

I would like to transmit my immense pleasure to know that ISM Patna is to bring out its first biannual Newsletter 'Swavalamban' (Self-reliance). Really, it reflects an outcome of educational endeavour of our erudite faculty members, industrious and inquisitive students and also dedicated non-teaching staff to provide a great platform to embark on our journey Towards Excellence in transforming management and IT education in the province

Ever since its inception in 2011, this promising institute has been inquisitive to give an impetus to cater new edge of value added career prospects for its students through its various innovative research, teaching methodology, teaching aids and other pragmatic approaches to advance education system in an amicable environment. Upholding its abiding commitment to holistic development of the students the publication of 'Swavalamban' is to be very much conducive to explore the world by exhibiting their latent mental potentiality in the physical appearances of their works of art.

I wish this magazine becomes a real representative of all the good that the Institute stands for.

My sincere wishes remain with this ISM team.

**Deval Singh**  
VICE-CHAIRMAN



**SRI AMAL SINGH**

## Secretary's Message

I am happy to learn about the publication of the first biannual Newsletter 'Swavalamban' (Self-reliance) of ISM Patna. The title of the Newsletter seems to be very apt to our seminal vision that knowledge is a key means to get achievement in present day knowledge society. This is because since its inception the prime focus of our institute has been on educating and training students by its innovative pedagogy and competitive environment to enable our students suitable for future.

Techno-managers with all modern skills to face the real challenges in business, management and information technology. I hope keeping the pace of transforming personalities of the students suited to the requisites of globalised world this Newsletter is going to lay a platform to explore their ideas, thoughts and opinion of their inquisitive and ignited mind.

I would like to thank our ISM team for coming up with this Newsletter and wish its grand success in achieving its goal.

**Amal Singh**  
SECRETARY



## Director's Message

*“Education is the most powerful weapon which you can use to change the world.” – Nelson Mandela*

It is my privilege to feel very much excited at the publication of the first edition of bi-annual Newsletter 'Swavalamban' (Self-reliance) by the institute. Indeed I am gleeful for this edition as it has brought out the 11<sup>th</sup> Foundation of our institute. Undoubtedly it reflects the activities continuing on the campus, faculty participation in seminar/webinar/workshop, case study, write up, research and other curricular contributions of students and faculty members.

This has been possible for us because we always try to impart a sense of independence, integrity through our value based education. Obviously we do believe in the conformity of hard work to affirm the core standards of education. Our institute is thus always intended to standardize the way of teaching together with all available learning resources; whether offline or online. For the holistic development of our students, we regularly organize various inter-disciplinary competitions and events in the field of co-curricular activities and in sports. At the same time, to promote the team spirit and stimulate a particular hidden trait among our students, we provide them with different Club operations.

The publication of this Newsletter shows one of the strides to fetch professionalism personified by way of world class campus amenities, sustain quality education for the students to enhance their employability quotient. This is also one of the parts of a holistic approach of the institute stimulating a paradigm shift towards 'Global education', innovation among students by inspiring fresh perceptiveness, creative thinking and firm conviction to achieve true success.

On this occasion, I would like to extend my heartfelt gratitude to Shri Shamrendra Singh, Chairman, Shri Deval Singh, Vice-chairman, Shri Amal Singh, Secretary, Mrs. Neeru Kumari, Administrator and all the teaching and non-teaching staff members for their valuable guidance to excel towards excellence.

Lastly I am thankful to everyone who are directly or indirectly involved in the publication of this institute Newsletter. It is a result of long hours of hard work of many. I hope this Newsletter is to exhibit academic as well as extracurricular activities of their wards on the campus to the parents for entrusting us to make them promising for future career prospects. I look forward to them for their suggestions too. I congratulate the members of editorial board and wish for the bright success of 'Swavalamban' (Self-reliance).

Good Wishes to all.

**DIRECTOR**  
ISM PATNA

# From Director's Desk



Late Prof. (Dr.) Prasanta Kumar Padhy  
(01.08.1957-21.04.2021)

## In Remembrance of Director Sir

### Thought, Action & Self-reliance

#### Dr. D. N. Singh

Assistant Professor  
ISM Patna

*Remembrance:* This article is a tribute to our venerated Director Sir, Lt. Professor (Dr.) Prashanta Kumar Padhy who was conversed with on this topic at the last meeting in his office on the campus. On listening to this topic, as it could be reckoned back, he recalled the following thought of Gandhi as a seminal idea to start with penning down his invaluable message to the world. But due to sudden departure of his earthly life left this message as a dotted assignment to be filled up by the whole fraternity of ISM. So, here is an emotive imaginary effort to accomplish this work initiated with that very quote which he could recite.

*Your beliefs become your thoughts;  
Your thoughts become your words;  
Your words become your actions;  
Your actions become your habits;  
Your habits become your values;  
Your values become your destiny.*

It is generally believed that it is stars that determine our destiny. But observations of the characters and deeds of a number of great philosophers, thinkers, academicians, statesmen, social reformers, politicians, executives and pioneers across the globe show that this statement is only partially true. Actually mere believing in interdependent relationship between stars and destiny may make one a passive spectator of outcomes. While the destiny of a person or a nation envisages in it an inherent, essential and interconnected linear equation of beliefs, thoughts, words, actions, habits and values. In other words the destiny is a cumulative output of all these interrelated socio-psychological and conscious efforts of humans. It is an overall incessant endeavour of our deeds that is evaluated as destiny at the day of judgement. This relationship is the theme of the 'Karma Yoga' explained in several Hindu mythological scriptures and philosophies. If a coordination between thought and action is established one gets self-reliant and self-contented.

In real sense the destiny is originated to the bedrock of our belief system. Our belief is the basic premise which interpret an implied meaning of our thoughts and related actions. It shapes our paramount goal replicated in our world view, actions, habits and values. It is a mental state of a doer to contemplate and command his or her psychological and physiological activities. It depends on the spatio-temporal environment of the doer. This propositional attitude ignites our thinking processes in accomplishing goal with the help of external experiences of physical world. For instance, if we believe that positivism is the source of eternal happiness, it starts driving our world view and connected activities towards optimism in every walk of life. We begin to think of all the circumstances whether beneficial or adverse in a positive way or rather benedictory. Rhetorically it can be said that our mind sets a software of positivism that scans and operates our worldly experiences of stimuli and eventually its output is perceived in peace, prosperity and happiness omnipresent in the world.

The conscious thinking processes as an operative software of the mind is the thought modulated by our beliefs. It is modifications of our conscious experiences embedded with memories, emotions and feelings designed by beliefs. It remains active at both conscious and sub-conscious levels in our mind. It works as signal to command left and right hemispheres of our mind to act in accordance to set beliefs. It connects our inner and outer worlds with the help of semantic values or meanings embedded to the words in a given speech community. Thoughts manifested by words or signs creates an environment of communication where an act is performed to accomplish a goal. That means inner world of our thoughts don't manifest themselves into actions but they manifest into words and words manifest into desired actions directed by beliefs. The above mentioned phenomenon of positivism as our belief, may arise interconnected thoughts of unconditional love, neutral expectations, sense of respect, acceptance instead of rejection, eternal beauty, sympathy, affinity etc. at conscious as well as sub-conscious level of mind. These mind-sets help us select words according to the requirement of our role-status relationship in a given environment of the society. The encoded thoughts transmitted through words are generally decoded with positive vibrations as they are centred at the belief of positivism. There is felt to be positive frequency in the surroundings of the agent.



In Hindu scriptures it is rightly said that the path of our life depends on 'Mansa' (thoughts), 'Vaacha' (words) and 'Karmna' (deeds). That means the thoughts originated to the belief in our mind are exposed to the world by utterances through words or signs embedded with meanings in abstraction articulated or uttered by organs of speech or body language at concrete level in human communication system and ultimately they are put into practice as an action. If thoughts, words and actions are realised along the right path; our destiny is optimised as *punya* (merit) otherwise *paap* (sin). In other words beliefs arise thoughts; thoughts shape into words; and words translated into actions.

Repeated and recurring concretised actions in certain pragmatic situations become the part of the doer's life as *habits* at both psychological and physical levels. It is a two way process. Action or deed or Karma seeds habits, and habits create nature of the doer. Action also gives birth to self-perception and perception influences experiences of life events. Both habits and self-perception affect the course of doer's life. This is also termed as doer's character. Thus person's character is an assessment of his/her habitual thinking and acting articulated by words. It can be simplified that when an agent does or makes something, there is an effect not only on the receiver of the action or the product made, but also on the agent. Since human actions are driven and controlled by cognition (thought) each new action leaves a footprint in the agent as a kind of learning which includes affective control and corporal (physical) skills. Thus when a doer governed by the thought of unconditional love rooted to the belief of positivism become habituated in doing and thinking of neutral affectivity of love and hate in both the cases of materialistic gain and loss while dealing with the social relationship. He/she becomes Samaritan by nature or character. His/her conscious efforts to be neutral in both the cases becomes unconscious or conscious thinking and doing habits after some time. Now it has become doer's existential characterisation with positive vibrations in a given social environment. It has now habitually become a part of knowledge of the agent as the Law of Cause and Effect operating in the realm of human life and bringing about adjustments between an individual and other individuals whom he/she has affected by his/her thoughts, words and actions.

The recurrent habitual actions done by an agent are gradually turned into his/her moral character or values. Owing to having powerful charms, and strong attractions of easiness and pleasure habits change our behaviour and character for the betterment. As a powerful agent habit makes objects or actions pleasant which initially appeared unpleasant. Habit becomes the source of moral improvement. It can be illustrated as a food which we initially find distasteful, but when it is known to be healthy and eaten regularly become pleasant and desirable. An action which is at first difficult, after being recognised as contributing to our long term happiness can become pleasant "by use and practice". This optimisation of happiness is the value which becomes hard to ignore after some time. Values as moral dispositions are formed as a result of the corresponding activities which are not only undertaken on a regular basis but are also personalized. Value has moral significance when we evaluate action and personality. On the basic premise of positivism as mentioned above attaining peace of mind becomes values of an individual or a given society by practising corresponding thoughts and actions as

habitual norms regularly.

Thus it can be concluded that the destiny is the balanced and corresponding equations of our beliefs, thoughts, words, actions, habits and values. This is a cumulative outcome of conscious, continuous and consecutive efforts of the doer. That's why it is sometimes said that destiny is created by man. As we believe so we think; as we think so we speak; as we speak so we do; as we do so we get habituated; as we do habitually so we value in life. If we break the chain of this series we get failure in achieving targeted goal. As it has been illustrated that we meet a destiny of auspiciousness or benediction by equating and persevering our thoughts, utterances and corresponding habituated actions on the belief system of positivism. In a nutshell it can be said that our destiny whether it is good or bad depends on the corresponding balance between thought and action. In the present day swift globalised world order this poetic thought is very relevant and significant in getting equilibrium between inner and outer world of the youth otherwise expanding moral density might lead to normlessness, frustration, stress, depression, obsession and suicide; as it may be observed in the lives of a great many so called successful men of the world. Therefore for developing a balanced personality it is essential to maintain coordination between these seven psycho-physiological interconnected components BTWAHV. We are greatly indebted to M. K. Gandhi for experimenting these tenets in his whole life and imparting such *mantras* for grooming our personality. May God inspire us to make a sequential coordination between these tenets to achieve supreme goal of our life!

## Conscious, Creative & Communicative Learning: A Bedrock of 'Self-reliance'

A compound word, Self-reliance, (Swavalamban) connotes being realistic and optimistic, having immense will power, confidence and meticulous perseverance, working on one's abilities and efforts without dependency on the support of others. Since the inception of social institutional development, to make the next generation self-reliant conducive to socioeconomic development of an individual and the society as a whole has been one of the main objectives of any education system across the world. Especially in middle class families of the Third World countries like India where there is assessed to be an ocean of unemployed young population, the term self-reliance is usually used as one of the significant personality traits of the youths. Their parents are frequently found to use this very word at the time of paying their tuition and



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use this very word at the time of paying their tuition and accommodation fees for schools, colleges and coaching institutes. In the present education system to achieve a job as one of the criteria of becoming self-reliance is idiomatically equated with achieving God. The present article intends to find out a way out of such an indomitable socio-psychological problem through educational endeavour in making the youth conscious, creative and communicative during the course of teaching and learning processes.

## THE SECRET OF ALL GREAT UNDERTAKINGS IS HARD WORK AND SELF-RELIANCE



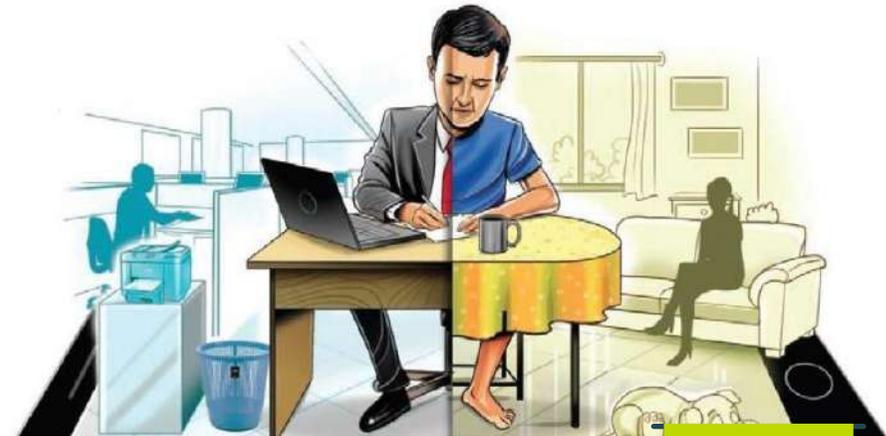
The first aspiration of this article is to make the learners conscious about their socio-economic environment during the period of anticipatory socialisation at different stages of their academic streams. Here consciousness simply means awareness towards external entities by implying special meaning to them with intentionality, introspection, phenomenal experience and knowledge of a given learner. Conscious mind is different from natural biological ability of perception (i.e. looking, hearing, smelling, tasting, touching) of normal brain. It is metaphorically treated as an innate software programming of human brain where input and output processes go on incessantly till it is intentionally used. A learner has a tremendous natural cognitive power to gather data, assess and process the data, compare the data and find any patterns, make decisions and respond to situations and control short term memory with regard to external world. But the speed of this processing is reciprocal to the motivational level of the learner. Scientifically it has been proved that conscious mind makes up less than 10% of the human mind's total operational power. Even 10% of this operational power works very slow or rather remains unused due to low risk taking sentiment including passivity towards external stimuli. Innate powerful mind is observed to be sieged by negative psychological barricading which in turn gives a complexity of autosuggestions related to impossibility, inactivity, debility, and finally dependency on others. As for instance a very few number of students know the art of making images of the deep structure of specific words, phrases and clauses what they hear or read in their specific subjects by modifying them at conscious mind. Most of them use surface structure of those terms merely at biological level of brain. Consciousness of mind is concerned with the curiosity of learner to know more and more about phenomenal aspects of a given environment. The curiosity to learn gives rise to creative thinking process. In this process the informative phase of mind becomes critical to the external stimuli. Obtained information at surface level moves upward to knowledge and wisdom. The learner starts thinking outside the limited periphery of information. This is the driving force to open the gateway of conscious mind to think something different from

he established norms and values. He or she can design to generate new ideas, alternatives, or possibilities useful in solving problems, producing intangible or tangible objects useful to mankind. No civilizational development would be possible if conscious mind of human being were not creative. Over the last decades, innovation and creativity have become critical skills for achieving success in developed economies. The need for creative problem solving has arisen as more and more management problems require creative insights in order to find suitable solutions. Creativity allows a learner to view and solve problems more openly and with innovation. It is motivating factor to speed up consciousness otherwise mind seems to be imprisoned. One can observe the significance of creativity in inventing Covid-19 vaccine. Imagine the recent challenges faced by human being across the globe during pandemic period. The whole world was obfuscated to think about any way out of the fatal disease. The credit goes to that conscious and creative mind which could generate novel innovative idea of inventing vaccine for the well-being of human civilization.

After all input to and output from conscious and creative mind occur due to exchanges of words, signs and symbols bearing intrinsic value of thoughts arbitrarily. In other words it can be said that sharing of ideas, concepts, feelings and emotions to the internal and external world is possible only through clear, concise, concrete, correct, coherent, complete and courteous verbal and nonverbal discourses or texts. Coding or decoding of any principles and practices to affecting change, modifying behaviour, maintaining system and achieving goals happens to be meaningful only through systematic communicative system. In this way communicative components are both cause and consequences of consciousness and creativity.

The present postmodern society is also known as knowledge society. Each and every moment creative output of conscious mind is communicated by encoding and decoding processes smartly. In such a smart society to be self-reliant would depend on holistic approach of teaching, training and learning methodology. This is an approach that emphasises value-based system where a learner is treated unique who can excel in the area of interest away from over-ambitious rank based academic performance. There must be a perfect combination of academics and extracurricular activities along with teaching in the area of mindfulness and spiritual awareness to make the students better individuals. Mere fumbling and mugging of words for getting good marks cannot solve the dream of becoming self-reliant. The present day youth needs to be efficient in communication skills, aware of internal and external environment and creative to do something innovative. The learners must be trained to search both manifest and latent functions of all the discrete entities of the environment. Each and every learner has his or her own special intrinsic ability which should be explored to him/her. A self-reliant personality has ever been a good coordinator of thought and action. From time immemorial, there has been historical evidences in the world that one who has established a systematic coordination between consciousness, creativity and communication in one's specific fields, has explored one's covert leadership quality and contributed one's genius to the development of 'self', and the society as a whole. In short a learner must be a voracious reader, curious thinker and skilful creator, only then he or she can be a creator of his or her own destiny.

## Home as Workplace: Old Concept with New Perspective



Very truly said that, crisis always teaches a lesson. This pandemic is the best example of such saying as the world has never faced such a situation. Change is the law of nature but until and unless some external force is applied to it no one tends to adopt it. Working from home is not a new concept; rather it has been exercised by several companies, sometimes as per the requirement of company or sometimes being the requirement of the employees. But in current situation it is not just requirement but it is need of the hour.

Before the pandemic, organizations talked lot about the flexibility, maintaining work life balance among employees. Now, this is the perfect time when it can be exercised. Those who are not ready to adopt they may collapse. Several sectors and industries are affected with this pandemic and therefore they have moved towards the concept of 'Work from home' and it is very much pertinent that it is going to be future style of work. For some sectors it is like a great opportunity whereas some sectors are facing a lot of challenge in adopting this concept till now, work from



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home was as per wish or mostly very limited to a group of worker or organization and were often self-selected which cannot be compared to the present situation. In the current scenario we are bound to go with the concept of WFH or somehow it is not wrong if we say that COVID-19 scenario has made it a compulsion for us.

Today there is an increase in the number of organizations that offer Work from home options, but this arrangement is not possible for all the employees of the organization. There must be some characteristics defined on which the employers may rely and accordingly assign the work.

Careful consideration must be taken to choose the employees whose personal characteristics and working efficiency can be challenged at any point of time. This concept presents opportunities as well as challenges for both the employers and the employee. Since every situation is unique, for all the organization which need to be settled in a very unique way, the challenges and opportunities will also vary based on organizational cultures, managing styles, individual behavior and personalities.

**So, let the employers would have a brainstorming session on some questions such as:**



All these queries need to be properly worked and at this point of time it's the HR who leads the front and will assess the workers to get the answers of such questions. From another perspective too, WFH could be a great solution of making environment pollution free, less crowded cities, less consumption of fuels which can ultimately lead to a better place of living for our future generations. This would also be one the greatest initiatives from the corporate and the best part of the CSR activities.

## Promoting Research in Education: A Gateway to Atmanirbhar Bharat



It has now been established with the fact that research plays a significant and integral role in all round growth of the nation. Research is a creative work in a systematic manner to enhance one's stock of knowledge. In the context of education, it would refer to solving education related issues and challenges in scientific and systematic way. In India, scenario regarding research has mostly been troublesome. While the institutions with national recognition excel in research, the mediocre ones are lacking in the same. But these days, Indian government has taken up a number of steps for promoting research. A research promotes creative thinking, finding and suggesting solutions to impending problems in the

best methodical, scientific and determined way: promoting further studies in the area of interest and pacing up with the new development in the selected field of study.

The research methodology in India faces various constraints and research is not left untouched and therefore, researchers in India get to face challenges such as lack of scientific training, absence of academic and intellectual stimulation, emphasis on unfruitful learning, inadequate data etc. In this fast pacing up world, it has been ascertained to have knowledge driven growth empowered by innovation. There are various action steps that can be taken up to foster research as academic-corporate collaboration, implementation of vocational



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Assistant Professor  
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skills, provision of adequate funds, inclusion of research as must for faculty promotion etc. Vocational education is primarily aimed at giving students the skills and knowledge to perform in a specific job role. This type of education has been prevalent in countries around the world for more than 600 years starting from apprenticeships, where a young student developed practical skills while assisting an older master craftsman, to formal training programmes taught in colleges today. India has always been a brain tower and promotion of research will only help India reach ahead stars in this globalized world.



**Mr. Rajeshwar Dayal**  
Assistant Professor  
ISM Patna

# How Credible are You?

**C**redibility is a set of qualities like honesty, integrity and truthfulness by persistent efforts. It lends the individual his/her real identity.

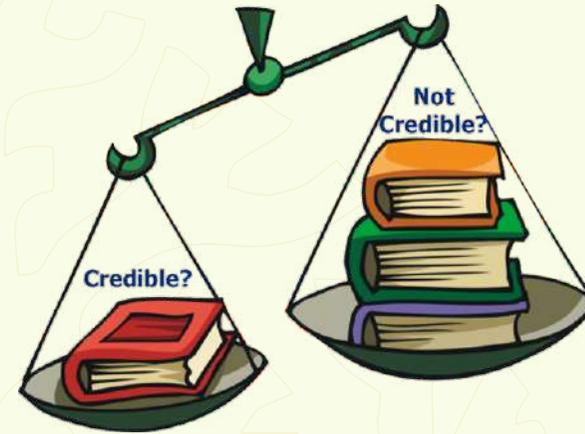
*The President of a multi-million firm was once asked which one single quality he looked for in a candidate for a key post, "Credibility", he replied. Many management consultants would agree with him. But what is credibility? What are its various ingredients? How can it be cultivated? It is difficult to define credibility since it is a mixture of several qualities such as truthfulness, trustworthiness, honesty, integrity, reliability, dependability, justice and simplicity. One important thing about credibility is that it protects us against all possible intrigues and conspiracies intended to implicate us.*

*But credibility cannot be acquired overnight. We have to work for years to earn it, and it takes no time to lose it. Thinkers and Writers are almost unanimous in suggesting some simple but sure ways of acquiring credibility:*

**1. Do your work diligently:** Do you discharge your duty with utmost rectitude and uprightness? Are you all dealing with your colleagues and outsiders sincere and honest? Do you give priority to truth and integrity – and make no compromises on this account? Well, if your replies are in positive, you are on safe ground. In addition you also have to learn all the skills to achieve excellence in your particular field of specialisation and to maintain discipline, decency and decorum. You should learn to guard yourself against rumour, gossips and scandals, besides seriously all malpractices, corruption and misuse of power which put a veil of suspicion over your credibility.

**2. Keep commitments:** Plato says, "Truth is the beginning of every good thing both in heaven and on the earth; and he would be blessed and happy should be from the first, a partaker of truth, for then he can be trusted". It is clear from words of this great philosopher and thinker that only a truthful person has credibility and can be trusted. Scrupulously avoid any exaggeration about your job, designation, qualifications, or resources. Never show off and give the impression of being grade better than that what you are. For God's sake don't risk your credibility to impress others. It is not worth it. Be yourself and be proud of what you are. People must accept you for what you are. If they don't, let them go to hell.

**3. Avoid double standard:** There is nothing more damaging to your credibility than telling others



to do something which yourself do not follow strictly. Even your own children would begin to question your credibility if you tell lies and ask them not to indulge in these habits. Curb this tendency if you want to be credible. "Men should be what they seem", says Shakespeare in Othello.

**5. Be fair and just:** To maintain your credibility, you have to judge people on merit, and be totally objective, fair and just. The moment your actions smack of favouritism or nepotism, you lose credibility. Doing out favours to the undeserving and being prejudiced against the deserving will only make you suspect in the eyes of the wise and make them lose faith in your credibility.

**6. Be clear in money matters:** Better not borrow money from others, but if you are forced to do so, it should be your sincere endeavour to return it on time. The lender should not be compelled to remind you about it. Any delay in returning the borrowed money (or anything else!) severely erodes your credibility. Also ensure Salary/Honorarium payments are made in time, never beg any excuse. Ensure all office funds are utilised with as much care as the personal funds – and never the two are mixed. "An honest man is the noblest work of God", says Alexander Pope.

**7. Respect other's secrets:** As you come into close contact with others, they may disclose certain "secrets" to you; or you may come to know about them on your own. Either way, it is incumbent on you to keep them to yourself without passing them on to others. If you fail to respect their secrets, it will be an act of betrayal – a reason enough for them to lose their faith and trust in you.

**8. Practice simplicity:** Be simple, direct and straightforward to build credibility. Avoid all that is artificial, pompous and ostentatious in your behaviour. Please guard against all verbosity, hyperboles and round about ways of expression which betray insincerity in your language, both spoken and written. American Poet Walt Whitman says, "The art of art, the glory of expression and the sunshine of the light of letters is simplicity". So, 'Simplify' yourself to be credible.

# ATMANIRBHAR BHARAT

## ATMANIRBHAR YUVA



**Ms. Shilpi Kavita**

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Covid-19 is a global disaster for which the world and our India were never prepared for. The need of the hour is to draw some major lessons out of this unpleasant experience and turn it into a positive one. The crisis and the call for self-reliance have to complement each other. The challenge of crisis can be faced with the active participation of Indian youths. India has one of the youngest populations in world - almost 46% less than 24 years of age. Many of them are currently enrolled in schools and colleges and would be competing for jobs and employment in coming years. Many of them are going to be working in jobs that do not exist today. Today, technology, industrial automation, robotics and Artificial Intelligence have changed the job pattern. This has called for the Indian youths to reskill themselves. The Job opportunities in the Indian Market need to be analyzed and there is need for fresh thinking

The economic crisis caused by the pandemic in 2020 gave birth to the Atmanirbhar Bharat Abhiyan. The saying, extraordinary times call for extraordinary measures has been proved true. India has entered on a journey of self-reliance with the Atmanirbhar Bharat Abhiyan. The concept is not new to the Indian culture and tradition. Our scriptures 'Esha Upanishadha' also talks about Self-reliance. The policies of planning commission after Independence had also incorporated self-reliance as its prime objective. India has faced the COVID-19 situation with courage and a spirit of self-reliance.

to address current and emerging challenges. Education system has to adopt a more pragmatic approach. The pillars of "Atmanirbhar Bharat "in true sense is our "Atmanirbhar Yuva". They have to be the torch bearers of the Atmanirbhar Bharat Abhiyan. The education system and specially the higher education system play an important role in the growth and development of any economy. The system has to change and develop itself in a way to impart life skills and imbibing analytical thinking process among learners. This will prepare them for any jobs they may take up in their working lives. The new education policy of 2020 has been a great initiative in this regard. The seeds of self-reliance had started its journey right from the Swaraj movement. India can make wonders in the world with renewed pursuit of Atmanirbhar philosophy. It can emerge as a

hub for manufacturing and investments. The government and the public, both have to create a conducive environment for business. Whenever a crisis or a disaster is there, it is duty of everyone to create an opportunity out of it for the betterment of the nation. There is an open challenge for the young minds as to how they reap the benefits of the adversity in diversity. Innovative minds have to prove themselves and grab the opportunity to strengthen the economic conditions of our country. The five pillars - Economy, Infrastructure, System, Demography, and Demand of the Atmanirbhar Bharat Abhiyan can only be strengthened with a mission and vision from our Indian youths. The aim of the Indian youths is expected to take India to be either in high income or upper-middle-income group among the innovation economies.

किरी भी इंसान के जीवन में परतन्त्रता सबसे बड़ा दुखद और स्वतन्त्रता सबसे बड़ा सुखद अनुभूति है। स्वावलम्बी इंसान कभी भी परतन्त्र नहीं होताए वह सदैव स्वतन्त्र रहता है। दासत्व की श्रृंखलाओं से मुक्त आत्मनिर्भर इंसान कभी भी किसी दूसरों पर आश्रित नहीं होता। वह कठिनपणेषकठिन कार्य को भी अपने बल बूते करने की क्षमता रखता है। परमुखोपेक्षी मनुष्य न स्वयं उन्नति कर सकता है और न अपने राष्ट्र और समाज का उन्नति का मार्ग प्रशस्त कर सकता है। स्वावलंबन वह दैविक गुण है जिससे इंसान और जानवर में भेद मालूम पड़ता है।



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जानवर का जीवनए उसका रहनपसहन उसका भोजन सभी कुछ उसके स्वामी पर आधारित रहता हैए परन्तु इंसान का जीवन स्वावलम्बन पूर्ण जीवन हैए वह कभी भी पराश्रित नहीं रहता। अपने सुखमय जीवनयापन के लिये वह खुद से सामग्री जुटाता हैए एवं सफलता के लिए अथक प्रयास करता है। हर बात में वह दूसरों का सहारा नहीं ढूंढताए वह दूसरों का अनुगमन नहीं करताए अपितु दूसरे ही उसके आदर्शों पर चलकर अपना जीवन सफल बनाते हैं। जिस राष्ट्र के नागरिक खुद स्वावलम्बी होते हैंए उस देश में कभी भुखमरीए बेरोजगारी और निर्धनता नहीं होतीए वह उत्तरोत्तर उन्नति करता जाता है। कौन जानता था कि जापान में इतना भयानक नरसंहार और आर्थिक क्षति होने के बाद भी वह कुछ ही वर्षों में विश्व की महाशक्तियों में अपना स्थान बना लेगाए फिर हराणभरा हो जायेगा और फलनेफूलने लगेगा। परन्तु वहाँ की स्वावलम्बी जनता ने यह सिद्ध कर दिया कि सफलता और समृद्धि परिश्रमी और स्वावलम्बी व्यक्ति के चरण चूमा करती है।

स्वाभिमान शब्द आत्मगौरव और आत्मसम्मान के लिए सबसे उपयुक्त शब्द होता है। स्वाभिमान का सामान्य अर्थ स्व का अभिमान मतलब स्वाभिमानए स्व मतलब खुदए आप स्वयं। यह एक ऐसा शब्द है जो हमें प्रेरित करता हैए जागृत करता है और हमें कर्तव्य के प्रति आगे बढ़ने के लिए ललकारता है। स्वाभिमान हमारे अपने आत्म विश्वास को जागृत करता है। हमें जीवन मूल्यों के प्रतिए अपने देश के प्रतिए अपनी संरतिए अपने समाज और अपने कुल के प्रति स्वाभिमानी बनने की प्रेरणा देता है। मानव तीन ऋणों को लेकर जन्म लेता है। पहलापितृ ऋणए दूसरा ऋण हैपसामाजिक ऋणए हम जिस समाज में हैए उस समाज को अपने कौशल और विवेकबुद्धि से समाजसेवा करने में स्वाभिमान की पवित्र भावना रखें। हमारे ऊपर तीसरा ऋण हैप्राष्ट्र ऋण। हम अपने राष्ट्र में रहकर उसके अन्नणजल से पोषण प्राप्त करके अपनाए अपने परिवार और अपने समाज के विकास में सहयोगी बनते हैं। इसलिए उस राष्ट्राभिमान को जागृत रखना चाहिए। स्वाभिमानी इन्सान सत्य से प्रेम करता है तथा अभिमानी इन्सान सत्य से अक्सर दूर भागता है इसलिए जब सत्य से प्रेम होने लगे तो समझ लेना चाहिए कि वह भी स्वाभिमानी हो रहा है।

स्वाभिमान की सर्वोत्तम श्रेष्ठता को ईमान कहा जाता है। इन्सान जब सत्य एवं निष्ठा से अपने कार्यों को परिणाम में बदल देता है तथा अपने सभी कर्तव्यों का पालन पूर्ण निष्ठा से करता है तब वह ईमानदार कहलाता है। स्वाभिमान की श्रेष्ठता पर जब ईमानदारी की छाप लग जाती है तो ऐसे इन्सान को समाज में विशेष स्थान प्राप्त हो जाता है। किसी ईमानदार इन्सान को समाज से पूर्ण सहयोग एवं समय पर जितना धन चाहिए उधार के रूप में प्राप्त हो जाता है। किसी धनी इन्सान को यदि समाज में ईमानदार होने का विश्वास प्राप्त नहीं होता तो उसे भी उधार लेने में असुविधा होती है क्योंकि विश्वास धन से नहीं ईमानदारी के आधार पर होता है। ऐसे कारण प्रमाणित करते हैं कि संसार में इन्सान अपने स्वाभिमान के कारण कितना अधिक श्रेष्ठ बन सकता है जिससे उसका जीवन सम्मानित एवं आनन्दित बन जाता है।

# स्वावलंबन स्वाभिमान और समृद्धि



अब वक्त आ गया है जब हम सबको स्वावलंबन और स्वाभिमान के माध्यम से समृद्धि की ओर लेकर चलेए नव चेतना नव ऊर्जा का संचार कर राष्ट्रीय एकता में केवल शारीरिक समीपता को ही महत्वपूर्ण न मान कर बल्कि उसमें मानसिकएबौद्धिकए वैचारिक और भावात्मक निकटता की समानता आवश्यक है। हम एक स्वाभिमानी राष्ट्र तभी बन सकते हैंए जब हमारा समाज सरकार पर आश्रित न होकर आपसी सहयोग और सहकार के माध्यम से सक्षम बने। निष्क्रिय बैठे रहने और अपनी हर जरूरत के लिए दूसरों की राह देखते रहने वाला समाज हमको नहीं चाहिए। स्वावलंबी व स्वाभिमानी समाज ही राष्ट्र को उन्नति की ओर ले जा सकता है।

जीवन में सीखरू। जीवन में अगर हम स्वावलंबी और स्वाभिमानी बनना शुरू कर दे तो यकीन मानिए समृद्धि अब हम सब से दूर नहींए आज हम सब को जरूरत है अपना पसीना बहाकर परिश्रम करते हुए अपना रोटी खुद से कमाकर खाए न की किसी के दान और उपहार के भरोसे पले और बढ़े। स्वावलंबन और स्वाभिमान ही वो शक्ति है जो एक दिन हम सबको समृद्धि के द्वार तक ले कर जायेगीए आइए हम सब मिलकर इस प्रकार अपना जीवन यापन करें की हम अपने आने वाले पीढ़ी को अगर विरासत में सबसे ज्यादा कुछ देना चाहे तो उनको स्वावलंबी और स्वाभिमानी बनने का साहस दे क्युकी ये हमारे दिमाग और चरित्र की जन्मजात प्रतिभा को न सिर्फ विकसित करता है अपितु हमे सहनशीलए समझदार और सामाजिक बनाता है। स्वावलंबन और स्वाभिमान ही आत्मविश्वास के साथ मरिक्क और चरित्र को मजबूत कर सामाजिक उन्नति और समृद्धि का मार्ग प्रशस्त करता है।

**अगर करना है कुछ भी जीवन में  
तो बने स्वावलंबीए  
छोड़ कर पराई आस बनाए खुद  
को स्वाभिमानी।  
परमेश्वर भी सुनता उनकी ही जो  
कुछ करते हैए  
स्वावलंबी बन जीवन में हमेशा नई  
ऊर्जा भरते हैस  
करते नव निर्माण बनाते खुदको  
हिम्मतवानए  
मिलती है समृद्धि उन्हें जो लड़ते  
अपनी किस्मत सेस  
कर जाए कुछ ऐसा याद करे जग  
सारा हमकोए  
गौरव बन अपने राष्ट्र का  
चमकाएंगे जग को हम।।**

# Python: From Code-language to Career Programming



**Ms Vandana Verma**  
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## Python Career opportunities:

In an independent third-party survey (Edureka.co) it has been found that the Python programming language is currently the most popular language for data scientists. The claim is substantiated by IEEE, which tracks the programming language by popularity and according to them, Python tops the list of most popular languages in 2021.

## Python Job Profiles:

- ❖ Software Engineer
- ❖ Python Developer
- ❖ Research Analyst
- ❖ Data Analyst
- ❖ Data Scientist
- ❖ Machine Learning Engineer

In this dynamic world, every change is denoted by a single word digitalization, and this single word depends on the skill of the programming domain. Today, Python is one of the most sought-after skills in the entire world of programming but have you ever wondered if it is worth it? If yes where can it take us? So as an answer Python is treated as a language that is easy and simple to learn it improve flexibility and remove the development time through its syntax and easy compilation feature. It has plenty of libraries that support data analysis, manipulation, and visualization. Therefore it has evolved as the most preferred language and considered to be the next big thing.

Language Rank	Types	Spectrum Ranking
1. Python	🌐 📱	100.0
2. C	📱 🖨️	99.7
3. Java	🌐 📱	99.5
4. C++	📱 🖨️	97.1
5. C#	🌐 📱	87.7
6. R	📱	87.7
7. JavaScript	🌐 📱	85.6
8. PHP	🌐	81.2
9. Go	🌐 📱	75.1
10. Swift	📱	73.7

### Software Developer/Engineer

A software developer/engineer should be versed with core python, internet frameworks, and Object relative mappers. They must have an understanding of multi method design and reposable API's to integrate applications with different parts.

### Python Web Developer

A Web developer is needed to write down server related logic to design the interface. They ought to be acquainted with internet frameworks and markup language and CSS that are the inspiration stones for web development



### Data Analyst

Data analyst is needed to hold out data interpretation and analysis. They ought to be versed with arithmetic and statistics.

### Data Scientist

A data scientist should have thorough information of data analysis, interpretation, manipulation, arithmetic and statistics to assist in decision making process. They even have to be masters in Machine learning and AI with all the machine learning algorithms like multivariate analysis, naive bayes etc.

### Machine Learning Engineer

Machine learning engineer should perceive the deep learning ideas, Neural spec and machine learning algorithms on prime of arithmetic and statistics. A machine learning engineer should be skilful enough in Algorithms like gradient descent, regression analysis and building prediction models.

### AI engineer

An AI engineer must have programming skills, including the Data Science knowledge and concept of Data Modelling. Deep learning and Neural network are also the part of it.

An AI engineer is expected to program to think like a human brain, or it expect that how a human would react and solve the situation. All this happens through a psychological feature simulation. The common tasks of it would include reasoning, knowledge representation, Natural language processing and general intelligence.

## Python Salary

By the end of 2019, Python was delivering some impressive numbers. A recent Indeed.com inquiry also revealed at least 55,000 Python jobs in the USA with exponential salary figures. According to **Payscale.com**, below are graphs depicting the average Python salary for India and the US.

Top 10 Reasons that make python as a career programming

Below are the key options and applications which define that how we need to opt Python as an initial programming language:

- ❖ Python's quality & high earnings
- ❖ Python is employed in Data Science
- ❖ Python's scripting & automation
- ❖ Big Data& Python
- ❖ Testing
- ❖ Python & Computer Graphics
- ❖ Artificial Intelligence& Python
- ❖ Web Development through Python
- ❖ Python an extensible& Portable language
- ❖ Simple and easy to learn

### 1. Python's quality & high earnings

The developers work with Python have some of the highest salaries in the industry. Also, Python has a strong hike in popularity over the last 5 year.

### 2. Python is employed in Data Science

Python is that the leading language of the many data scientist. For years, academic scholars and private researchers were using the MATLAB language for scientific research but it all started to change with the release of Python numerical engines such as 'Numpy' and 'Pandas'. Python additionally deals with the tabular, matrix moreover as applied mathematics information and it even visualizes it with widespread libraries like 'Matplotlib' and 'Seaborn'.

### 3. Python's scripting & automation

Python is a programming as well as scripting language and as a scripting language it controls:

# From Lab to Life:

## A Pragmatic Approach to Computer Science Study



**Ms. Jaya Kumari**  
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ISM Patna

**L**ab and Life both sound with 'L' alphabet and when we talk about these two words, a third word strike in mind is "Logic", which also starts with "L" alphabet. Let's discuss how these three words are related with human's life and how it develops an interest towards Computer Science Study.



When we talk about learning to Code, it has the inadvertent effect of teaching how to think? Coding in its most basic term is really just assigning a computer a task to do based on the logical guidelines which has been outlined. Highly complex tasks are essentially a collection of smaller operations once it is broken down. This methodical and logic laden approach to problem solving can be a boon for figuring out problems beyond a coding challenge.

Learning to code will benefit one's personal and professional life by encouraging oneself to take a step back and approach situations from a new perspective. If there is a large problem, we can break the problems into small one and we figure out how each is affecting the other. This helps to decide what area of the problem to focus on first. Similarly, when it comes to daily walk of life, everyone faces a problem either it is small or big and are worried about the solution. Here the concept of algorithm and programming helps and plays the vital role.

If you have an analysis skills and you are a good coder, you will develop the skills of problem solving as well as you will be able to note down the steps to get rid of problems. These steps help you to draw a footprint to go towards the solution.

When we talk about coding, it sounds very tough but when you start to code you feel there is nothing hard to avoid. You start enjoying with it. Even you will able to dream about it and in your everyday activity you will be able to do the things which follows some protocol. Here I am going to share, how Lab of programming language is useful in your daily life activity:

### 1. Teaches us to follow the discipline:

There are different terms of programming which teaches us to follow some basic discipline to spend our life in an enjoyable manner. For example:

- ✓ The code is written in the form of scripts and get executed
- ✓ Machine reads and interprets the code
- ✓ Error checking is done during Runtime

Once the code is get executed, it can be used several times. So by automation, we can automate certain condition in a program.

### 1. Big Data & Python

As we know Hadoop is for bid data analysis, Python supports parallel computing where we can use Python for Hadoop as well. In Python, there is a library with different function called "Pydoop" which provide us the feature to process the mapped data using its library such as 'Dask' and 'Pyspark' etc.

### 4. Framework Testing

Python has many built-in frameworks for testing which able to remove the bugs & provide a fastest workflows. There are multiple tools and functions including modules to make process easier such as Selenium and Splinter. Some of the framework are PyTest and Robot which are completely dedicated to control the testing.

### 5. Python & Computer Graphics:

As we know Python is largely used in different projects. It is used to build GUI and desktop applications. It uses 'Tkinter' library to produce quick and simple code for generating an application.

It is also helpful in game and other software development related to the entertainment and other fields where we can write the logic by different module such as 'pygame' which also runs on android devices.

### 6. Artificial Intelligence through Python

In the Tech world AI is introduced as a huge development. We can actually make a machine mimic the human brain which has the power to think, analyse and make decisions.

Furthermore, we have different libraries such as Keras and Tensor Flow bring machine learning functionality with AI. We don't need to explicitly generate the program for using these features with Python. It has also some libraries such as openCv that helps computer for visualization or image recognition.

### 7. Web Development through Python

Python provides an array of frameworks for developing different views for websites. Some popular frameworks are Django, Flask, Pylons etc. These all frameworks are developed in Python itself, and this is a big core reason which makes the code much faster and dynamic.

We can also perform web scraping where it provides the feature to fetch details from any other websites.

### 8. Python an extensible & Portable language

The extensible & portable features of Python allow us to perform task smoothly.

Python's extensibility features allow us to integrate Java and .NET components together. It also invoked the libraries of C and C++.

Python is supported by different as well as multi-platform such as Windows to Linux to Macintosh, Solaris, and Play station, among others.

### 9. Simple and easy to learn

Python is a simple and easy to learn and we don't need to express each and every key features in the program for coding It is a very powerful language and much more similar to the English language. Some other features which given by its developer also make it easy such as:

- ✓ Free & open source
  - ✓ High-level
  - ✓ Interpreted
- Blessed with large community

A. As there is different programming language, it has its own syntax and interface to write the code and execute it but all of them follow the same algorithm. Similarly on the earth all humans have different life styles, skills and way of doing something but are handled by nature and its discipline.

B. As during programming we use some reserve words and follow some indentation to make our code more readable. In the same manner we should follow the basic rules defined by the government for a better life such as rules regarding how to drive, how to walk, how to avail government facilities, etc.

C. As coding can be done on any editor such as C, C++, Python, Java, etc. but all are executed by the machine either with the help of compiler or interpreter. Similarly when a human can communicate with each other, if they are from different localities then mother language gap creates a problem this can be solved by using some other mode of communication such as by expression or sign language. Now-a-days this problem can be solved by applying artificial and ambient intelligence for developing smart systems which also teaches us to follow the instructions in daily life.

### **2. Teaches us to develop patience:**

Its sounds strange that programming develops patience but it is true. Question is how? Many times it happens that you have written the algorithm, code and it is compiled with zero error but when it comes to execution, it does not execute, and then you need to rectify the problem with a great effort and patience. Similarly in our life it happens and it is solved by doing the thing with effort and patience.

### **3. Teaches us to avoid making errors:**

Coding teaches us to avoid syntax error by following the proper syntax and to avoid logic

errors by following exception handling techniques. In the same manner if we follow our principle towards life it is prone to less mistakes or we can say to avoid doing mistakes it is suggested to create a rough path so that if mistakes take place you can be able to handle the mistake and resume your path in an efficient manner.

### **4. Teaches us to follow hierarchical approach:**

What does hierarchy means in programming? The precedence and associativity of operators, accessibility and scope of variables are the terms which deal with the concept of hierarchy or we can priority. Now-a-days, everyone happens to forget the term hierarchy. Very few are following this. As a person we should know how the hierarchy should be followed at schools, colleges, offices, home, etc. So if one is aware about the term and its result in both cases whether it is followed or not when it is applied via code then it teaches us to implement it in our daily life too.

### **5. Teaches us to plan anything with proper goal:**

This is the term which everyone is aware about. As a code is written to solve a problem to achieve some goal. If the goal of a program is not defined, it is hard to write the code because it is not clear what will be the tentative output. So before writing the algorithm and code we should aware about the outcome or goal, in the same manner without moving forward in any direction we should know what are the long term and short term goals so that it must be achieved.

### **How Coding makes your life easier?**

We are living in a *new normal* where physical appearance is avoided by many of us for the safety of society as well as us also. This era teaches a lot to everyone in the world. Many problems arise in each and every field and the only solution comes to go for digitalisation.

A new revolution took place and people started opting the digitalization and became virtually available. Have you ever thought how we are virtually connected on just a single click in a mobile phase? When a click on any link or button we give instruction and on the basis of instruction the further processing takes place for which the code has been done which is hidden from the user. To make our life easier, the code has been implemented.

### **Lab and Life Complementary to each other:**

Let us see how lab and life are complementary to each other. When we are asked to write any program, a problem is assigned simultaneously. First algorithm is written; and then the code is written in any programming language. From where does the problem come? It comes from our daily activities and needs.

What we do manually, if we want to do it through some devices, it terms as digitalization. Now- a-days artificial and ambient intelligence are taking place to make our life easier. Have you ever thought how they work? They work according to the knowledge fed to them either by following the supervised learning or un-supervised learning. It works in the same manner as human mind does. Sometimes human brain takes decision on the basis of experience, in the same manner the AI responds as the knowledge stored in it.

By the above discussion it can be concluded that Lab and Life are complementary to each other because what exist in the life it is fed into the system to transform it digitally and what can be digitalized it makes our life easy. Behind both only Logic plays the role to make it effective and it teaches us never stop learning and implementing the knowledge you gain from learning.

The major benefits which demonstrate Why to learn Code for everyday life can be given as

follows:

1. **Coding ability gives new perspective to problem-solving:** Learning to code is like an exercise session for the “left” side of the brain.

2. **Learning to code can be a fun bonding opportunity for families.**

3. **Coding improves interpersonal skills:** Coding for most big projects tends to be a collaborative effort. This means having to work as one cog as part of a greater team. Learning how to best interact with bosses and co-workers is an essential work skill, and it can often be developed through coding.

4. **Coding can allow you to pursue passion projects:** Coding is a fantastic skill for you if you're the sort of person who has tons of ideas and wants to get started on everything tomorrow. Not having to look elsewhere for a coder saves time and money, plus it means you can keep changing and redesigning as your idea develops.

# Computer Assisted Learning – A Study



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## Abstract

In the present day, education is not restricted within the four walls of a classroom. Researchers and professionals in this field are trying to diversify the types of education. The main motive is to provide education to all and make education more interesting. The advent of computers has changed the perception of almost every profession. Previously, there was a notion that computers and education can't go hand in hand. Over the years, with improvement in educational techniques and computation devices, presently computational devices are playing an integral role in shaping the present and future generation of education

## Introduction

Computer assisted learning has often been used to describe the event and application of educational technology for a spread of circumstances. From the mid-1980s until the first 1990s the term CAL was often used to ask the event of either one computer virus or a series of programs which replaced the more traditional methods of instruction, especially the lecture. "Technology Assisted Learning or Technology

Aided Learning is defined as learning through computers with subject wise learning packages/materials." A Computer Aided Learning (CAL) or Technology Assisted Learning are often defined as learning or teaching subjects like mathematics, Science, Geography, and etc., through software programs or e-books with subject wise learning packages/materials.

- It's going to include all kinds of Technology-Enhanced Learning (TEL), where technology is employed to support the training process.
- It's said to be: "Pedagogy empowered by digital technology."
- In broader sense, it's going to be considered as a neighbourhood of E-Learning.

CAL is often defined as a computer virus or file developed specifically for educational purposes. The technique used throughout the planet during a sort of contexts, from grade school to college. Its role is to optimize the learner's route through a content field on the idea of his personality, cognitive characteristics, and diagnosed state of readiness.

### Need for Computer Assisted Education

As technology is developing faster we must also

get adopted to it. The necessity for change within the education system is becoming necessary. This sort of learning method helps the teachers to store the information safe. The scholars can take tests and improve their capability level. The results of each assessment of every single student are often stored properly. Though the value required to implement a CAL classroom is dear but its worth for the student's education. Any latest information that subject is understood very faster.

### Types of Software utilized in CAL

Following are the types of Software used for Computer Assisted Learning:

#### 1. Drill and Practice

- Drill and practice software is usually used an equivalent way that worksheets or flash cards are utilized in classrooms. It provides repeated exposure to facts or information, often during a question or game-type format. Ex: Math Munches, Reader Rabbit, Accelerated Reader
- Drill and practice software was the foremost prevalent sort of computer application for several years, since teachers weren't quite sure how else computers might be used. Drill and practice software also fit nicely into a behavioural approach to teaching and learning since it measured student performance.
- Drill and practice software deals primarily with lower-order thinking skills.
- Drill and practice applications don't utilize the complete power of computers. However, many drill and practice software titles are excellent at what they are doing. The PC doesn't get uninterested in providing students with the practice and feedback they have.
- Most drill and practice programs even have a tracking device in order that students (and teachers) are conscious of their progress. Additionally, many of the drill and practice programs have sounds and other motivating

characteristics that encourage students and therefore the students can progress at their own rate while using the software.

#### 2. Tutorial

- Tutorial software presents concepts or skills then gives students the chance to practice them as compared to Drill and practice software which doesn't include a teaching component.
  - Tutorials could also be linear (students must go from p.1 to p.2 then on) or non-linear (where they will branch off in one among several directions supported interest or need). Older software is more likely to be linear in nature.
  - Tutorials are often very interactive. Students don't just passively sit and skim computer screens, some tutorials maximize individualized instruction and adjust the pace and feedback supported the students' progress.
  - Students who are absent or who need remediation can often enjoy employing a computerized tutorial; provided one is out there that covers what was missed.
- #### 3. Problem Solving
- Problem solving software allows learners to ascertain the results of their reactions to varied events. Learners manipulate variables, and feedback is provided supported these manipulations. Problem solving software doesn't necessarily utilize realistic scenarios. For instance, within the Carmen San Diego series, the scholar flies round the world getting clues to undertake to trace down a criminal. The method is contrived, although students develop problem solving skills and learn geography at an equivalent time.
  - There's tons of power to using problem solving applications within the classroom, provided they match the curriculum. It's sometimes otherwise difficult to supply feedback supported individual choices students without the PC.

#### 4. *Simulation*

➤ A simulation may be a representation or model of a true event, object, or phenomenon where learners can see the results of their actions. Sometimes it's not practical or feasible to try to the important thing, so a simulation is employed to supply experiences that otherwise would be denied. The difference between simulation software and problem solving software is that simulation software deals with realistic situations.

➤ This is often a really powerful application of computers and therefore the educational community can maximize this sort of software. Students are given facility to control aspects of models or situations. They see the results of their decisions immediately.

➤ Simulation and problem solving software address higher order thinking skills.

➤ One element to remember of when using simulation and problem solving software is that sometimes tests don't reflect what students learn through their involvement with these packages. As we start to use software that addresses higher order thinking skills, we also got to consider alternative sorts of assessment which will help us to evaluate what students know and understand.

#### 5. *Games Software*

Game software often creates a contest to realize the very best score and either beat others or beat the PC.

#### 6. *Discovery*

Discovery approach provides an outsized database of data specific to a course or content area and challenges the learner to analyse, compare, infer and evaluate supported their explorations of the info.

#### **Features of CAL**

Computer programmers are ready to create computer-assisted learning programs that have served to extend student learning by affecting

cognitive processes and increasing motivation. Current research shows the mechanisms by which PC programs facilitate this learning are:

#### *i. Personalization Information*

Personalizing information allows computer-assisted-instruction to extend learner interest within the given tasks (Padma and Ross, 1987) and increase the interior logic and organization of the fabric (Anderson, 1984; Ausubel, 1968; Mayer, 1975). The animation of objects involved within the explanation of a specific concept, for instance, Newton's First Law of Motion, increases learning by decreasing the cognitive load on the learner's memory thereby allowing the learner to perform search and recognition processes and to form more informational relationships (Reiber, 1991).

#### *ii. Practice Activities*

Providing practice activities that incorporate challenges and curiosity Computer-assisted-instruction increases motivation by providing a context for the learner that's challenging and stimulates curiosity (Malone, 1982). Activities that are intrinsically motivating also carry other significant advantages like personal satisfaction, challenge, relevance, and promotion of a positive perspective on lifelong learning (Keller and Suzuki, 1988; Kinzie, 1990).

#### *iii. Creative Context*

Providing an ingenious context. an ingenious context increases learning by facilitating engagement (Parker and Lepper, 1992; Malone, 1982). Fein (1981) and Signer (1987) have also found, aside from using computer programs, the involvement in fantasy is usually highly intrinsically motivating. (5) Providing a learner with choice over his/her own learning providing students with choice over their own learning provides learner-controlled instruction which contributes to motivation. Increased motivation successively increases student learning (Kinzie,

Sullivan and Berdel, 1988).

#### **Sorts of Student Interactions in CAL:**

##### *i. Recognition*

Within the case of recognition-type interactions, the scholar is simply required to point whether or not the knowledge presented by the machine, within the sort of an issue or incomplete statement, has been presented previously, 13 Multiple choice or binary choice (yes/no) items occurring in CAL interactions are sometimes of this sort.

##### *ii. Recall*

Recall-type interactions require the scholar to try to to quite recognise information presented, but they are doing not involve understanding. They require the scholar to breed textual information in either verbatim or transformed verbatim (rearranged syntactically or logically, but not in terms of meaning) forms, Recitation, sentence completion and cloze-type test items exemplify verbatim recall interactions; some sorts of sentence completion, free recall, matching, and a few sorts of low-level logical inference questions, exemplify transformed verbatim interactions.

##### *iii. Reconstructive*

Reconstructive Understanding or Comprehension this type of interaction is far and away the foremost pervasive within the CAL starting from some, quite elementary sorts of comprehension to some fairly subtle ones. These sorts of interaction don't depend upon the superficial features of the knowledge presented like (i) and (ii); rather, they engage the scholar in meaningful operations on the content presented. He could also be \* Note that this interaction takes place via a VDU terminal. The text disappears from the screen before the question appears; question and answer are displayed together. Called upon to reconstruct statements, concepts, or principles, but this may generally be within the

bounds of what has been presented; the boundaries of what's learned will always be more or less clearly determined by the semantic content of the knowledge given within the interaction.

##### *iv. Intuitive Understanding*

Global Reconstructive or Intuitive Understanding: These interactions are far more difficult to explain. They often involve prolonged activity and are directed at 'getting a feel' for a thought, developing sophisticated pattern-recognition skills, or developing a way of strategy. The stress is on experiential learning which could develop an awareness by the scholar of his actions within the context of a constellation of problems or ideas recognised by experts as critical to understanding a field of data. Here, quite in types (i), (ii) and (iii), understanding must be demonstrated in what the scholar does, and it'll be judged accordingly by teachers, (It can't be judged by explicit criteria stored within the machine.) These interactions involve such activities as discovering principles behind simulations, developing a 'feel' for diagnostic strategies, problem-solving using classical techniques, and therefore the like. Learning the diagnostic strategies of the expert physician takes place this sort of interactions, where the scholar tries out courses of action within the sort of alternative tests and coverings. The aspiration is to develop the clinician's sense of the appropriateness of various courses of action in several contexts

##### *v. Constructive Understanding*

Constructive Understanding Type (ii) interactions are extremely open-ended and involve the scholar in 'creating' knowledge. Because the creation of latest knowledge nearly always takes place against a context of old knowledge, In Type (v) interactions, the scholar engages in 'open' enquiry: he's not working

towards solutions which are necessarily within the known structure of the discipline. From his point of view he's going beyond what's known. He could also be testing his own hypotheses, developing his own methodologies and drawing conclusions supported by his own work. These interactions appear as if genuine research, not just exercises on the content and methods of fields already known.

#### **Advantages of CAL**

1. CAL is individualized, that's each student is liberal to work on his own place, totally unaffected by the performance of the other students.
2. Information is presented during a structured form. It proves useful within the study of a topic where there's hierarchy of facts and rules.
3. CAL forces active participation on the part of the scholar, which contrasts with the more passive role in reading a book or attending a lecture.
4. CAL utilizes a reporting system that gives the scholar with a transparent picture of his progress. Thus students can identify the topic areas during which they have improved and during which they need improvement.

#### **Limitations of CAL**

1. A CAL package could also be regarded simply as a novelty, instead of an integral part of the tutorial process.
2. Though simulation permits execution of chemical and biological experiments, hands-on experience is missing. Moreover, CAL packages cannot develop manual skills like handling an apparatus, working with a machine etc.
3. There are real costs related to the event of CAL systems. It's expensive in terms of staff time to plan and programme effective CAL.
4. Content covered by a particular CAL package may become outdated. A really high cost is involved within the development of those

packages. If the course is outdated, the resources involved in its development are going to be a waste.

5. CAL packages might not fulfil expectations of teachers. Objectives and methods decided by the CAL author and of an educator may differ.
6. Motivating and training teachers to form use of computers in education may be a challenging task. They'll have fear of this new device. They'll be unwilling to spend overtime for preparation, selection and use of CAL packages. It's going to even be perceived as a threat to their job.
7. There are administrative problems related to computer installation. The issues particularly associated with the physical location of the pc resources, the value of hardware maintenance and insurance and time-tabling.
8. The rapid development of hardware makes it difficult to pick a system before it becomes obsolete. If a replacement system is installed by a maximum number of institutions, they'll not get courseware required for the system and courseware developed thus far may become useless.

#### **Conclusion**

The detailed analysis of CAL and its various features, usage suggest that Computer assisted learning has the potential to totally transform the education process and remarkably improve the efficiency of learning by providing great motivation to kids. Not its practically impossible to ask kids to not use smart phone or laptops but CAL presents how where we will use this technological access which today's students need to their own good. CAL gives them freedom to experiment with different options, instant feedback and answer to queries. Self-pacing is yet one more great feature where adaptive software's can change the graphics and study material as per student need of beginner and advanced levels. This assistance from

technology can help provide more bandwidth to teachers to figure with students who need more of their time. Privacy feature helps the shy students to undertake out new things with no fear of remainder of the category knowing what percentage times they need attempted a drag or maybe their answer is wrong or right, they and teacher will only get the feedback then design the training strategy accordingly. It's a proven concept now that multimedia and animation helps to find out the difficult concepts easily. With all the good features CAL has got to offer, we might wish to add a word of caution here, overuse of multimedia may divert the eye from the content and learning becomes too mechanical. Therefore the balance used of technology under the guidance and supervision of teacher features a great potential to rework the training process. In USA and other countries such software applications are getting used from the first grade itself and student choose the subject from the recommended list of topics from the teacher to select any and work on sample worksheets in their free time. They get points, virtual medals and trophies, such softwares are so fun with kids. In coming years we see more such trends being followed in Indian schools too.

# Self-introspection From Counsellor's Desk

## MISTAKES



**Sri Shirish Jha**  
ISM Patna

**H**olding firm to a position is admirable, until it becomes clear that the position is wrong. Those who can admit that they were wrong are able to move forward. Those who stubbornly claim they are right, in the face of clear evidence to the contrary, become stuck in the quagmire of their own pride. To achieve excellence you must be willing and able to admit your mistakes and to change your opinions. Mistakes are damaging enough on their own. There's no need to compound the damage by holding on to them. The best thing you can do with a mistake is to admit it and learn from it. The worst thing you can do is defend it and continue it.

Mistakes can be great teachers. Mistakes are inevitable. When you attempt to achieve anything ambitious, you are certain to make some wrong turns. Yet even those wrong turns can move you forward if you have the courage and humility to admit you made them and then turn back from them.

Whenever you're making progress, you're also making some mistakes. Spot them, admit them, learn from them, make a course correction and then move yourself ahead faster than ever before.

# PERSONALITY TRAITS LEADING TO A GREAT LEADER AT WORK

## A Compiled List of Lexicons that Can Transform a Man to an Organisational Man



**Dr. D. N. Singh**  
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1. Adventurous: I take risks.
2. Ambitious: I am driven to succeed.
3. Approachable: I work well with others.
4. Articulate: I can express myself well in front of groups.
5. Autonomous: I use initiative.
6. Calm: I stay level-headed in a crisis.
7. Charismatic: I can be a leader when need be.
8. Cheerful: I develop a positive work environment.
9. Clever: I can juggle multiple tasks.
10. Competitive: I thrive under pressure.
11. Confident: I am not afraid of asking questions.
12. Cooperative: I get along well in a team setting.
13. Courteous: I care about workplace atmosphere.
14. Creative: I think outside the box.
15. Curiosity: I am eager to learn.
16. Determined: I am self-motivated.
17. Devoted: I am committed to the company's success.
18. Diligent: I always work my hardest.
19. Easy-going: I easily adapt to new situations.
20. Educated: I possess formal training.
21. Efficient: I have very quick turnover time.
22. Eloquent: I have strong communication skills.
23. Energetic: I am able to work long and hard hours.
24. Enthusiastic: I put my all into every project.
25. Flexible: I am able to adapt my priorities.



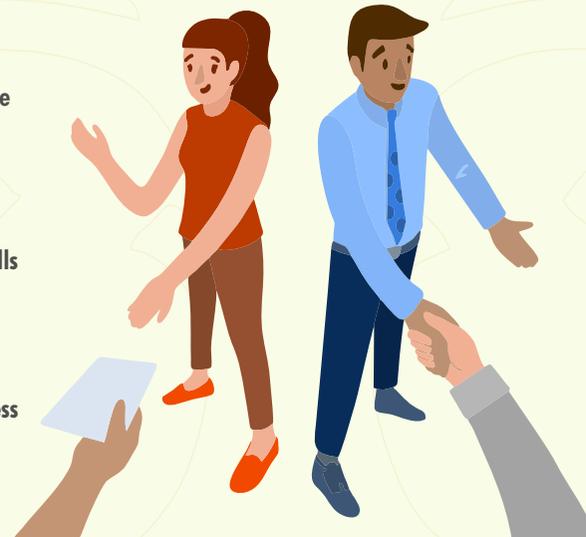
**Intelligence**



**People skills**



**Decisiveness**



**Creativity**



**Competency**



**Trustworthiness**

26. Focused: I am goal-oriented.
27. Friendly: I am easy to work with.
28. Honest: I value integrity.
29. Imaginative: I am inventive in my work process.
30. Independent: I need little direction.
31. Inexperienced: I am a blank pallet.
32. Inquisitive: I am excellent at gathering information.
33. Insightful: I can read between the lines.
34. Intuitive: I can sense when there is a problem.
35. Meticulous: I pay attention to the small details.
36. Neurotic: I am a perfectionist.
37. Open-minded: I take constructive criticism well.
38. Opinionated: I am comfortable voicing opinions.
39. Organized: I am a meticulous planner.
40. Patient: I am not easily ruffled.
41. Perceptive: I can read people effortlessly.
42. Persuasive: I am a natural salesperson.
43. Procedural: I work best with structure.
44. Punctual: I have great time management skills.
45. Quiet: I am a great listener.
46. Relaxed: I do not stress easily.
47. Resourceful: I use every tool at hand.
48. Responsible: I always finish a task on time.
49. Talkative: I am comfortable initiating a dialogue.
50. Technological: I am industrially savvy.

# शिक्षकेतर कर्मचारियों की कलम से



**Sujeet Kumar**  
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शर्मा जी को काफी प्रसन्न मुद्रा में बाजार से घर आते हुए देखकर मैं हैरान था। बिल्कुल वैसे ही जैसे कृष्ण का दिव्य रूप देखकर अर्जुन आश्चर्यचकित हो गया था। खैर! अपनी हैरानी को जब मैं रखकर मैं उन्हें अपने पास आने का इंतजार करने लगा। ज्यों-ज्यों वे मेरी तरफ आगे बढ़ रहे थे त्यों-त्यों उनका अंदाज मुझे कृष्ण के दिव्य रूप का दर्शन करवा रहा था। जब मैंने हाथ जोड़कर उन्हें रोका तो ऐसा प्रतीत हुआ मानो अपने प्रणाम शब्दों के दिव्यस्पर्श से हवा के तेज गति को मैंने स्थिर कर दिया हो और वे आशीर्वाद की सारी पोटली मेरे समक्ष खोल कर रख दिये हों। इससे पहले कि मैं उनसे कुछ और पूछता वे मुझे वरदान देकर विलुप्त हो गए लेकिन शर्मा जी की खुशी का रहस्य जानने के लिए मैं उनके पीछे पीछे दौड़ने लगा। उनके घर जाकर मालूम हुआ कि वर्षों बाद उनके घर आज एक पुत्र का जन्म हुआ है। अपने अच्छे आचरण और सद्व्यवहार के कारण वे हमारे गांव के सभी लोगों के लिए पूज्यनीय थे। इसीलिए पूरा गांव उनकी खुशियों में सम्मिलित होकर उन्हें बधाई देने पहुंचा।

कुछ लोग बच्चों को देखकर भविष्यवाणी करने लगे और बोले 'आपका बेटा एक दिन बहुत बड़ा आदमी बन कर इस गांव का और आपका नाम रोशन करेगा।' मैं उनके प्रसन्न होने का कारण तो समझ लिया लेकिन छोटी उम्र और अनुभव की कमी के कारण उनकी प्रसन्नता का वजह नहीं समझ सका। कुछ सालों बाद मैं अपने परिवार के साथ बाहर चला गया। धीरे-धीरे दिन बीतते गए। माता-पिता का संघर्ष और उनका त्याग आज रंग लाया है। आज शर्मा जी का बेटा बहुत बड़ा डॉक्टर बन गया है। लेकिन शर्मा जी यह देखने के लिए अब इस दुनिया में नहीं हैं। वर्तमान की स्थिति बहुत भयावह है जिस घर में बच्चों की किलकारियां गुंजती थी जहां लोग बैठकर गांव के विकास की बातें करते थे। आज वो घर वीरान पड़ा हुआ है। घर में बूढ़ी मां है जो हर पल इस उम्मीद के साथ सांसें ले रही है कि एक दिन उसका बेटा जरूर आएगा। विदेश की धरती ने उसे इतना महत्वकांक्षी बना दिया है कि मां का प्यार और स्नेह अब उसके लिए शायद दर्द और नासूर बन गया। शर्मा जी के अच्छे व्यवहार के कारण कुछ वर्षों तक गांव के लोग उसकी थकी आंखों को रोशनी तो दिए लेकिन कोई उम्र भर का सहारा नहीं दे पाया। वो कहते हैं 'ना चींटी कभी नमक में नहीं लगता है। बीते हुए दिनों में जहां हम सबकी जिंदगी अठखेलियां करते रहती थी आज यह वर्तमान उस घर के हर हिस्से को बेजान और बेसहारा बना कर रख दिया है। उस वक्त मेरी जो हालत थी उसे शब्दों में बयां करना बहुत मुश्किल होगा शायद उस वक्त भूत और वर्तमान की चक्की में मेरा जीवन पीस रहा था लेकिन मैं अपने हृदय में उस महान बेटे से मिलने की जिज्ञासा लेकर घर लौट आया।

शर्मा जी के त्याग और मां के आंसू को उसके बेटे तक पहुंचाना मेरा लक्ष्य बन गया था। कुछ महीनों बाद मेरा और मेरे दोस्तों का प्रयास उस वक्त रंग लाया जब शर्मा जी का बेटा अपनी मां को लेने घर आया। गांव के सभी लोग शर्मा जी के बेटे को पहचान रहे थे लेकिन मां की नजरें और उसकी आंचल अपने ही बेटे को नहीं पहचान पा रही थीं। सभी लोग हमारे प्रयासों की प्रशंसा कर रहे थे लेकिन उस वक्त कोई खाब में भी नहीं सोचा होगा कि उसकी मां का मृत शरीर एक दिन अनाथालय की चौखट से बिता कर आएगा। आज मैंने अपने पिताजी के माध्यम से सुने उस मां के अतीत के दर्द को तो अपने शब्दों में लिख दिया लेकिन आज भी वो यादें हमारे समाज को न जाने कितने सवालियां हैं। हमारे बेटे हैं लेकिन उम्मीद करता हूँ कि हर सवाल हमारी पीढ़ी को एक नई सोच दे।

जो माता-पिता अपने सभी खुशियों से समझौता करके हमारे बचपन के नाजूक बीज को सींचकर हरा-भरा करते हैं वक्त आने पर हम उनका ख्याल रख सके। इसी आशा एवं उम्मीद के साथ अपने दर्द भरी यादों को समाप्त करता हूँ कि जब कभी उनके बुढ़ापे के इर्द-गिर्द अंधेरा और बेसहारा का आलम हो तो हम उनको सहारा और उनके जीवन के अंतिम क्षण में उनकी आंखों को रोशनी दे सके।

## एक अतीत ऐसा भी



# नारी शक्ति

आज हर कोई है वाकिफ,  
नारी की शक्ति से ।  
आज ही क्यों हर जमाने में,  
नारी ही शक्ति की रूप बनी ॥

चाहे वो माँ देवी रूप में,  
चाहे वो माँ माता रूप में ।  
चाहे वो माँ धरती माता रूप में,  
चाहे वो माँ गंगा माता रूप में ॥

इतिहास के पन्नों में,  
पलट कर देखो ।  
रानी लक्ष्मीबाई और,  
ऐसी कई वीरांगनाओं की  
है इतिहास ॥

बतलाती है सदियों से उनकी दास्तों  
चाहे वो समाज के उत्थान की हो,  
चाहे वो विश्व कल्याण की हो,  
चाहे वो युद्ध के मैदान की हो ॥

## Students' Edge

# A LESSON TO BE LEARNT



Vanity, human's biggest companion that we all have seen, how it has been shattered during these few years due to such an epidemic which proved that humans are the antagonist of their own materialistic world. This epidemic has made us all question ourselves, are we really on the path of evolution or is it just a hoax?

God knows, how many people lost their lives, how much tears shed, how many dreams broke and how many companions lost but are we the reasons for all these or someone else?

One of the argument that anyone could give is that this pandemic is a natural cause but nature is just the reflection of our actions, the good and the evil one. It's not the time to blame ourselves or anyone but to realise the truth and to believe on that divine power that is love, hope and unity.

It's not the time to compare humans on their own balance scale but to unite together for the upcoming future. It's time to play our role of protagonist whether it is small or large.

Because in the end what really matters is, the selfless part that we play.

Belief is love and love is unity!

**-Abhishek Kumar  
ISM Patna**

# Self-Reliance

The philosopher John Stuart Mill is credited with the first use of the word self-reliance, in an 1883 letter in which he described it as one of the most important quality of "a free man." Self-reliance means developing the right skills and capabilities to do one's activities without depending on external support. Its essence is not to wait for the opportunity to knock at one's door but to create opportunities for oneself by doing hard-work and acquiring the qualities that are necessary to get ahead in life. For the students it means continuing regular studies and making other preparations to perform well in the examination, interview, discussion etc.

Self-reliant people are the makers and masters of their destiny. They never blame fate, circumstances or find vault with systems or society. They make their own tools and use them with great skills and concentration focusing on their goal. Their success, achievement and creation bear the stamp of their personality. They are original of their ideas, innovative in their approach and become the torch-bearers for others.

They are always able or ready to achieve their goals and objectives because they are resolute, single-minded and self-disciplined. They know their relative strengths and weaknesses and use their energies in such a manner that their weaknesses are not exposed to others. Since they have their own plans and, execute their plans themselves, they have some margin to manipulate things that way.

Self-reliance is the best tool, best support and more often than not, the shortest way to

success. Lord Buddha once said, "You are both friend and enemy of yourself. The heaven and the hell lie within you. It is up to you what you choose. You are your own lamp, guide and staff. Never depend on others. Be the makers of your destiny own. Help yourself and the world will help you." These lines remind us of the well said quotes, "God helps those who help themselves." The Almighty has given every human being two hands to work and a mind to distinguish between good and bad. Why should one then try to walk on somebody else's clutches?

It has also been found by research that those who develop the habit of depending on others lose their capabilities of doing even the small things. This happens because their body becomes lethargic, their mind lazy and their muscles want to rest all the time. Such people want someone at their back and call all the time to fetch and carry for them. They get so used to asking for help for everything that they lose their confidence and are afraid of trying to do something themselves.

There is direct-relationship between self-reliance and success. Studying the way of working of highly successful people shows us that they are self-reliant at an early age. We can take example of Dhirubhai Ambani started his business with small means but was able to create Reliance Industries-today the biggest private company in India. He managed his own affairs till his business grew so big. A.P.J. Abdul Kalaam earned his first income by collecting tamarind seeds and selling them in the market, and felt very proud. As a child he joined his cousin to

collect newspaper bundles and earn some amount. He did not belong to a poor family but had an urge to do something himself. This urge made him a great scientist and then the President of India.

Self-reliance should not be misunderstood by isolation, arrogance or cynicism. It does not mean that one should remain aloof and should not seek other's help where it is necessary. As a matter of fact mutual help is the basis on which society is built. A student needs guidance from his teachers, an employee needs cooperation from others, and passengers need the services of drivers. In other words, for various activities and tasks we need the services or help of others. Self-reliant does not demand that we should not take such help.

It only demands that we should not depend on others for activities and actions that we are supposed to do ourselves. A student needs only guidance of his teachers and he is supposed to learn his lessons, do his homework and build the level of intelligence and knowledge to pass the examinations with his own efforts and hard work.

Self-reliance is not easy to acquire. It needs some degree of sacrifice to forgo ease and comfort to gear oneself up to get on with various types of activities. It needs a great sense of discipline to follow the given schedule to perform those activities. Parents and other elders in the family and teachers play a pivotal role in making children self-reliant.

**-Dhreeraj Kumar**  
ISM Patna

# मुश्किलें मुक्कदर बदल सकती हैं!

जी हाँ, आपने सही सुना “मुश्किलें मुक्कदर बदल सकती हैं!”। इस दुनिया में सब के पास कुछ-न-कुछ किसी-न-किसी तरह की मुश्किलें हैं कुछ लोग इन्हीं मुश्किलों में फस कर अपने लक्ष्य से दूर चले जाते हैं और कुछ लोग इन्हीं मुश्किलों में अपने लक्ष्य को हाशिल करने की राह ढूँढ़ लेते हैं और अपने लक्ष्य को प्राप्त कर लेते हैं। इस कहानी में कुछ ऐसा ही जीता-जागता उदहारण देखेंगे; जिसके बाद आप भी कहेंगे –

## “मुश्किलें मुक्कदर बदल सकती हैं!”

यह कहानी चीन के एक छोटे से गाँव में जन्मे एक बच्चे की है, जिन्हें लोग “जैक-मा” के नाम से जानते हैं। जैक-मा का जन्म १० सितम्बर १९६४ को चीन के एक छोटे से गाँव में हुआ था। इंग्लिश सिखने में उनकी बहुत रूचि थी, इसके लिए वे टूरिस्टो को गाइड करते और उनसे इंग्लिश सीखते; उस समय वे केवल १३ वर्ष के थे, उस समय चीन में इंग्लिश को उतना जरूरी नहीं माना जाता था। लेकिन वहीं पर पढाई में उनका बिल्कुल भी मन नहीं लगता था, इसका अंदाजा आप इसी से लगा सकते हैं कि, वे चौथी कक्षा में दो बार वहीं आठवी कक्षा में तीन बार असफल हुए।

इतना ही नहीं किसी तरह इन सब को पूरा करने के बाद स्नातक परीक्षा में पांच बार असफल हुए। फिर किसी तरह उस समय के खराब माने जाने वाले यूनिवर्सिटी से इंग्लिश से स्नातक की डिग्री प्राप्त किया। उन्होंने ३० अधिक जगहों पर इंटरव्यू दिया पर सभी जगह उन्हें असफलता ही मिली।

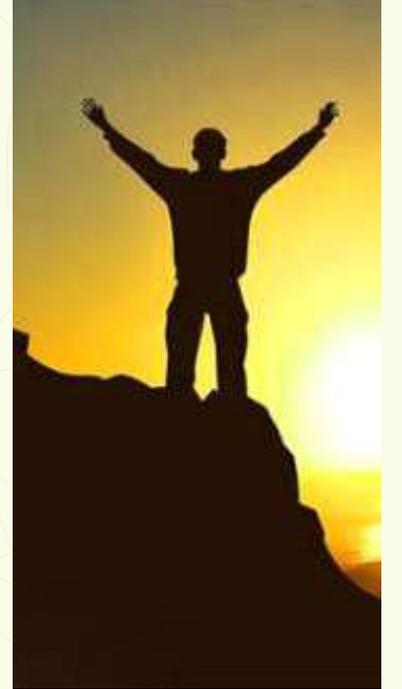
१९९५ में वे अपने एक दोस्त से मिलने अमेरिका गए वहाँ उन्होंने पहली बार इंटरनेट का इस्तेमाल किया और अपने देश लौटने के बाद उन्होंने अपने दोस्तों के साथ मिल कर एक वेबसाइट बनाया लेकिन फंड्स के कमी के कारण उन्हें अपने वेबसाइट को बंद करना पड़ा, लेकिन जैक मा ने हार नहीं मानी और एक बार फिर उन्होंने अपनी पत्नी और दोस्तों के साथ मिलकर एक वेबसाइट को शुरू किया जिसका नाम था- Alibaba.com. इसके शुरू होने के बाद भी कई दिनों तक मुश्किलें आतीं रहीं लेकिन जैक मा ने हार नहीं मानी। आज उनकी कंपनी दुनिया के मशहूर “इ-कॉमर्स” कंपनियों में से एक है और “जैक – मा” दुनिया के अमीर व्यक्तियों में भी एक माने जाते हैं।

अगर “जैक-मा” के जीवन में मुश्किलें नहीं आई होतीं, अगर वे भी किसी इंटरव्यू में सेलेक्ट हो गए होते, उन्हें कोई अच्छी नौकरी मिल गई होती, या फिर उन्होंने हार मान ली होती, तो शायद आज वे ये सब हासिल नहीं कर पाते जो उनके पास है और हमलोग उनके बारे में नहीं पढ़ रहे होते।

अगर “जैक-मा” के जीवन में मुश्किलें नहीं आई होतीं, अगर वे भी किसी इंटरव्यू में सेलेक्ट हो गए होते, उन्हें कोई अच्छी नौकरी मिल गई होती, या फिर उन्होंने हार मान ली होती, तो शायद आज वे ये सब हासिल नहीं कर पाते जो उनके पास है और हमलोग उनके बारे में नहीं पढ़ रहे होते।

इस कहानी से हमें यह सिख मिलती है कि “मुश्किलें मुक्कदर बदल सकती हैं” केवल आपको उसका सामना करना होगा।

**“आज बुरा है, कल उससे भी बुरा होगा  
लेकिन परसों आपकी जीत होगी ही।”**



(I)

*I Had a Dream*

I had a dream,  
 And it seemed real,  
 I wonder how amazing it was,  
 And it flushed out like a tear.  
 We had a great time,  
 And it disappeared in seconds mere.  
 Memories line by line,  
 But it's broken by my fear,  
 Don't hate me or call me stupid,  
 Because I have no one to share.  
 So, what if it's all gone,  
 I am glad I met you here.  
 I'll convert my sorrows, and all my fear,  
 into a mended heart.  
 So, never let you near,  
 So what if it's all gone?  
 I am glad it had been,  
 Because I had a dream.

*-Akanksha Prakash  
 ISM Patna*

(II)

*Curiosity of Mind*

What, where, how, why, when.....?  
 More these questions arise...  
 More you get experience and  
 More you are closer to your destiny.  
 So.....,  
 Let your mind to arise more,  
 Let your mind to hike more,  
 Let your mind to achieve more,  
 Let your mind to question more,  
 Such curiosities of your mind  
 Help you uphold your desire.  
 Greed of your mind help you in shine.

*-Sandhya Suman (Shamm)  
 ISM Patna*

(III)

## मुश्किलें हैं मुकद्दर बदल सकती हैं!

मुश्किलें हैं मुकद्दर बदल सकती हैं!  
गुजर जाएगा गुजर जाएगा  
मुश्किलें हैं पर वक़्त ही तो है।  
माना मौत चेहरा बदल कर आई है।  
माना रात काली है, लोग रास्ते पर खड़े हैं,  
कई घबराए हैं, कई छिपे बैठे है।  
मगर यकीन रख ये लम्हा है बस  
दो पल में बिखर जाएगा।  
जिन्दा रहने का ये जो जसबा है  
फिर असर जाएगा मुस्किल बहुत है,  
पर वक़्त ही तो है, गुजर जाएगा।  
ये वो कहर है जो दुनिया को डराने आया है।  
ये वो कहर है जो दुनिया को डराने आया है,  
मगर ना समझ है, जो इंसान को हारने आया है।  
मुश्किलें बहुत हैं, पर वक़्त ही तो है गुजर जाएगा।

-प्रेरणा कुमारी  
आई. एस. एम्. पटना

(IV)

## मुश्किलें हैं मुकद्दर बदल सकती हैं!

खुदा भी हमारा इम्तेहान लेता है,  
जब वो मुश्किलों को हमारी झोली में देता है।  
ये भी लम्हा गुजर जाएगी,  
हौसलों से संभल जाएगी।  
मुश्किलों से तुम लड़ना सीखो,  
खुशियां फिर निखर कर आएगी।  
बढ़ना है आगे हमको,  
इस जहां पर छा जाना है।  
अपनी ही मेहनत से हमको,  
अपना मुक्कदर बनाना है।  
कहते है मुश्किलें मुक्कदर बदल सकती है,  
तुम लड़ के तो देखो, खुदा भी तुम्हारे साथ है,  
कुछ कर के तो देखो।।  
यहां बिकता है सब कुछ,  
जरा रहना संभल के।  
लोग हवा भी बेच रहे है,,  
लोहे में भर के।।

सोनम भारद्वाज  
आई. एस. एम्. पटना

(V)

## मुश्किलें हैं मुक्कदर बदल सकती हैं!

मुश्किलें मुक्कदर बदल सकती है!  
तू कोशिश कर हल निकलेगा;  
आज नहीं तो कल निकलेगा।  
हर हार बुनियाद है किसी जीत की,  
हार कर भी जो न हारे, है रहती बुलंद इमारत उसकी;  
परिस्थितियाँ अनुकूल हो तो कोई भी गुजार ले;  
पर जो विपरीत परिस्थितियों में संयम न छोड़े  
और एसी परिस्थितियों से उभर आए क्या बात है ऐसे इंसान की!

मुश्किलें मुक्कदर बदल सकती है!  
तू कोशिश कर हल निकलेगा;  
आज नहीं तो कल निकलेगा।  
समय अच्छा हो या बुरा कहाँ रुकता है!  
तो बुरा वक़्त है तो इसे भी गुजर जाने दो  
ज़िन्दगी सलामत है तो अच्छा वक़्त भी आएगा।  
मुश्किलें मुक्कदर बदल सकती है!  
तू कोशिश कर हल निकलेगा;  
आज नहीं तो कल निकलेगा।  
माना की मौत चेहरे बदल कर आई है,  
माना कि रात काली भयावह गहराई है।  
लोग घरों में बैठे हैं, कई घबराए सहमें छीपे हैं;

मगर उस बेहतर कल के लिए आज इस पीड़ा को सहना होगा  
और हमें जीवन धैर्य से जीना होगा।  
मुश्किलें मुक्कदर बदल सकती है!  
तू कोशिश कर हल निकलेगा;  
आज नहीं तो कल निकलेगा।  
इस घने तिमिर से कभी तो किरणों को फूटना होगा,  
उस धवल निमिष के लिए आज इस हुक को सहना होगा,  
यहाँ कुछ भी तो शाश्वत नहीं, फिर किस बात से तू स्वस्थ नहीं;  
मन क्यों ऐसे दौड़ रहा है, मन क्यों अपनी डोर छोड़ रहा है?  
इस कठिन दौर से भी तो गुजरना होगा,  
मुश्किलें मुक्कदर बदल सकती है!  
तू कोशिश कर हल निकलेगा;  
आज नहीं तो कल निकलेगा

-अपराजिता सिन्हा  
आई. एम. एम. पटना

(VI)

## नारी

ना जाने कितने रूप है उनके  
हर रूप मानो एक मिशाल है।  
कारनामे भी चर्चित हो जिनके  
खुदा के फरिश्ते वो कमाल है।  
लाख अदा करू मैं उसका  
जिसने मुझे संवारा है।  
क्या बात करू मैं  
किसी एक इंसान की  
हर बच्चा मां का प्यारा है।  
मां का दिल तो गहरा दरिया  
नहीं उसका कोई किनारा है।  
जो डोले कभी अपनी नौका तो  
बहन का उसे सहारा है।  
दादी और नानी के लाड में तो  
हमने अपना बचपन गुजरा है  
चाची, मामी, बुआ और भाभी  
आखिर उनका भी प्यार बड़ा न्यारा है।  
हर रूप की अलग कहानी  
कर्तव्य की दास्तां जिनकी सुहानी है  
जीवन के किसी भी किरदार में पाओ इनको  
आखिर सबसे पहले वो एक नारी है।

-संध्या सुमन (शाम)  
आई. एम. एम. पटना

(VII)

## आई. एस. एम्. मैं तम्हें लिखती रहूँगी

बातें तेरी तब तक जेहन में है,  
साँसे मेरी जब तक जेहन में है।  
तेरी यादें कितनी तड़पाती है मुझे,  
जोर- जोर से ये चीखती रहूँगी;  
आई. एस. एम्. मैं तम्हें लिखती रहूँगी॥  
जाति-धर्म से उठकर के हम  
साथ खाए हिन्दू और मुस्लिम,  
मानवता का पाठ जब तक  
सीखती और सिखाती रहूँगी,  
आई. एस. एम्. मैं तम्हें लिखती रहूँगी॥  
जीती हूँ तुझमें, मरती हूँ तुझमें,  
तेरे नाम का ही शायर जो हूँ;  
जिन्दगी के हर जंग में जब तक  
तेरे कारण मैं जीतती रहूँगी;  
आई. एस. एम्. मैं तम्हें लिखती रहूँगी॥

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-रजनी कुमारी  
आई.एस.एम्.पटना

(VIII)

## जीवन की परिभाषा

कभी जीने की आशा  
कभी मन की निराशा।  
कभी खुशी की धूप,  
कभी हकीकत की छावा  
कभी कुछ खोकर पाने की आशा  
शायद,  
यही है जीवन की परिभाषा।

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-अमन कुमार  
आई.एस.एम्.पटना

(IX)

## क्यूँ ये अजीब सी आदत लूँ

क्यूँ ये अजीब सी आदत लूँ  
क्यूँ ये अजीब सी आदत लूँ  
दिल में करेला और मुँह में शहद लूँ ।  
क्यूँ दिल डरता है उस जगह जाने से,  
क्यूँ समय अजीब सा है,  
क्यूँ यह आदत डालूँ  
कि दिखावटी दुनिया में खुदको ढालूँ ।  
जैसी हूँ क्या सही नहीं,  
जरूरी है ना, खुदको सम्भालूँ ।  
तो फिर क्यूँ इतने सवाल हैं,  
क्यूँ लोग दिखावटी बनने को बताते हैं,  
क्यूँ सब कहीं छुप नहीं जाते,  
क्यूँ दिल में नहीं;  
क्यूँ ये अजीब सी आदत लूँ  
बस दूर चली जाऊँ उन सवालों से,  
बस दूर चली जाऊँ उन सवालों से ।  
जब जिंदगी की हर एक पहलू याद आती है,  
क्यूँ आखों में आंसू आते हैं,

क्यूँ यह क्यूँ की बौछार भी तो देखो,  
इस सवाल से भी क्यूँ ये सवाल  
देखो ना कितने हैं बवाल ।  
क्यूँ ये अजीब सी आदत लूँ.....

-आयुषी

आई.एस.एम्.पटना

# Paintings



Shalini Singh  
ISM Patna



Atul Aryan  
ISM Patna



Atul Aryan  
ISM Patna

# Floating Facts

## Unit-I

### I. Match the following CEO/MD:

- |                    |                      |
|--------------------|----------------------|
| 1. Apple           | a. Ketan Patel       |
| 2. Infosys (IT)    | b. Marissa Ann Mayer |
| 3. GENPACT         | c. Tim Cook          |
| 4. Yahoo           | d. Salil Parekh      |
| 5. Hewlett Packard | e. N. V. Tyagarajan  |

### II. Which ones are *not* matched:

- |                          |          |
|--------------------------|----------|
| 1. Infosys               | a. US    |
| 2. GENPACT               | b. India |
| 3. HP                    | c. US    |
| 4. Hexaware Technologies | d. India |
| 5. Polaris               | e. India |

## Unit-II

### 1. Fill in the blanks with the name of appropriate company:

- C. P. Gurnani is the CEO of .....
  - C. Vijay Kumar is the CEO of .....
  - Ashok Vemuri is the CEO of .....
  - Thierry DelaPorte is associated with .....
  - Marissa Ann Mayer is concerned with a search engine .....
2. Pick out *True* or *False* Statement:
- Wipro is an Indian company. (T/F)
  - Sanjay Jalona is the CEO of TCS. (T/F)
  - Mike Speetzen is associated with Polaris. (T/F)
  - Mindtree is an American company. (T/F)
  - Manoj Raghavan is the CEO of Birlasoft (T/F)

### Answer:

#### Unit-I.

- I. 1-c. 2-d. 3-e. 4-b. 5-a;  
II. 1-a. 2-b

#### Unit-II.

1. a. Tech Mahindra (ITES), b. HCL, c. IGATE,  
d. Wipro, e. Yahoo;  
2. a. T, b. F, c. T, d. F, e. F

## IT Giants

Company	Originating Place	CEO/MD
Apple	US	Tim Cook
Microsoft	US	Satya Narayana Nadella
Google	US	Sunder Pichai
Facebook	US	Mark Elliot Zuckerberg
Yahoo	US	Marissa Ann Mayer
Tech Mahindra (ITES)	India	C.P. Gurnani
Infosys (IT)	India	Salil Parekh
GENPACT	US	N. V. Tyagarajan (India CEO)
Wipro	India	Thierry DelaPorte
Polaris	India	Mike Speetzen
Tata Consultancy Services (TCS)	India	Rajesh Gopinathan
HCL Technologies	India	C. Vijay Kumar (CVK)
L&T Infotech	India	Sanjay Jalona
MPhasis	India	Nitin Rakesh
Mindtree	India	Debashis Chatterjee
Cognizant Tech Solutions	US	Laxmi Narayanan (India CEO)
Hexaware Technologies	India	R. Srikrishna
Oracle	US	Shailender Kumar
BirlaSoft	India	Dharmender Kapoor
Tata Elxsi	India	Manoj Raghavan
IGATE	India	Ashok Vemuri
Hewlett Packard	US	Ketan Patel
Intel	US	Nivruti Roy

## Interesting Computer Facts

- Only 8% of the world's currency is physical money, the rest only exists on computers.
- 40-55% of all Wikipedia vandalism is caught by a single computer program with 90% accuracy.
- Alan Turing the father of computer science, artificial intelligence and who helped break German WW2 cyphers, committed suicide after being barred from continuing his cryptographic work.
- CAPTCHA is an acronym for "Completely Automated Public Turing test to tell Computers and Humans Apart"
- A 15-year-old hacked NASA computers and caused a 21-day shutdown of their computers.
- A computer is as powerful as a human brain would be able to perform to about 38 thousand trillion operations per second and hold about 3,584 terabytes of memory.
- In 1988, when the American Internet was paralysed by a computer virus, quick thinker Paul Spiller saved the Norwegian Internet by literally pulling the plug.
- The first actual computer 'bug' was a dead moth which was stuck in a Harvard Mark II computer in 1947.
- The worst breach of U.S. military computers in history happened when someone picked up a memory stick (infected by a foreign intelligence agency) they found in the parking lot and plugged it into their computer, which was attached to United States Central Command.
- The first entirely computer generated movie sequence in cinema history was the Genesis Device demonstration video in Star Trek II: The wrath of Khan. The Studio that made the scene would later become Pixar.
- In September 1956 IBM launched the 305 RAMAC, the first 'SUPER' computer with a hard disk drive (HDD). The HDD weighed over a ton and stored 5MB of data.

# From the Placement Cell

## *Journey Begins: Campus to Corporate*

ISM Patna congratulates the final year PGDM students who cracked their several rounds of aptitude tests and interviews and are successfully placed with HDFC Bank, ITC Group, Bajaj Capital, Shriram General Insurance, EASF Bank, Ergoss Business Solution, Justdial, Glossaread Technologies Pvt Ltd., Byju's, Vedantu, AAI, Kamdhenu Steels, etc. To get placed in a reputed and well-established organization is the dream of every student who enrolls into PGDM Course. And to make the dream come true, the efforts are put by the students as well as the institute unanimously. Apart from quality education, ISM Patna strives to build managerial skills in the blooming managers. Equal importance is given to Co-curricular activities which include regular industrial visits, organizing workshops and seminars, live projects plus an open platform to interact directly with the industry people as well as scholars from various renowned institutes from India. The educational endeavour of the ISM can be visualised as successes in multiple opportunities to the students in the placement process. It's our immense pleasure to enclose a list of students who deserve congratulations for getting selected in multiple avenues of corporate sectors.

### Placement of PGDM 2019-21 Students in more than one Company

Name of Students	Companies	Positions
1. NIKHITA KUMARI	1. Bajaj Capital 2. Axis Bank	1. Sales Executive 2. Junior Relationship Officer
2. PANKAJ SINGH	1. Shriram General Insurance 2. Byjus	1. Relationship Executive 2. Business Development Trainee - Sales
3. MEGHA SWATI	1. EASF Bank 2. Reliance Retail	1. Executive Trainee 2. Department Manager Trainee
4. MANGAL MURTI	1. Vedantu 2. Byjus	1. Academic Counselor 2. Business Development Trainee - Sales
5. RISHAV DUTT	1. Justdial 2. Reliance Retail	1. Certified Internet Consultant 2. Department Manager Trainee
6. AJAY KUMAR	1. Shriram General Insurance 2. Byjus	1. Relationship Executive 2. Business Development Trainee - Sales
7. AKASH KUMAR BADAL	1. Justdial 2. HDB Financial Services	1. Certified Internet Consultant 2. Sales Executive
8. NITISH KUMAR SINGH	1. Shree Cement 2. Vodafone Idea	1. Sales Executive 2. Management Trainee

### Placement of PGDM 2019-21 Students

Name of Students	Company	Position
1. ZEESHAN	Justdial	Certified Internet Consultant
2. SAQIB ANWAR	ITC Group	STR
3. AMIT GAURAV	Ergos Business Solution	Warehouse Executive
4. MD. ZAMIL AKHTAR	United Tours & Travels	Senior Accountant Manager
5. KUMARI BHAVYA	Justdial	Certified Internet Consultant
6. RAVI SHONAM KUMAR	Byju's	Business Development Trainee Sales
7. GOPAL KUMAR CHOUDHARY	Suryam International Pvt. Ltd.	Management Trainee
8. RAJAN KUMAR	ITC Group	STR
9. VIKASH KUMAR SINGH	Justdial	Certified Internet Consultant
10. KASHISH RAJ	Byju's	Business Development Trainee - Sales
11. SHASHI SHEKHAR PANDEY	Ergos Business Solution	Warehouse Executive
12. DEEVYANKA SHARMA	Glossaread Technologies Pvt Ltd.	Inside Sales and Operation Executive
13. PRINCE KUMAR	Justdial	Certified Internet Consultant
14. PUJA KUMARI	AIECS	Business Executives
15. MANSI KUMARI	Icon Constech Private Limited	HR Executive
16. MONU KUMAR	Family Business	
17. PUJA KUMARI	AIECS	Business Executives
18. JAYANTI KUMARI	Shiv Kanha Engnecon Pvt. Ltd.	Business Development
19. HEENA KUMARI	AIECS	Business Executives
20. RAHUL KUMAR	HDFC Bank	Relationship Manager
21. AKASH ANAND	Vodafone Idea	Management Trainee
22. SNEHA PRIYA	SR Infotech	HR Recruiter
23. BUSHRA PARVEEN	AIECS	Business Executives
24. ABHISHEK KUMAR	Justdial	Certified Internet Consultant
25. DEEPAK KUMAR	Byjus	Business Development Trainee - Sales
26. RASHMI KUMARI	Shiv Kanha Engnecon Pvt. Ltd.	Business Development
27. NIKHAT SHAHNAZ	AIECS	Business Executives



Students congratulating one another on getting placements



From Campus to Corporates: PGDM Students showing their fraternity after getting placement

## Recruiters' Testimonials

“

We take extreme pleasure in getting associated with ISM Patna for recruiting your students as employees in our company. We truly appreciate your combined efforts to set up an exclusive placement drive to benefit both

**Payal Bhattacharya**  
HR Manager, Justdial

”



“

Excellent infrastructure, overall very well trained students. We appreciate the excellent hospitality and very competent team that has managed the complete placement process. Students' energy is amazing.

**Mohd Danish,**  
State HR Manager, Svatantra Microfinance



“

The placement process went on very well and overall experience was good. Infrastructure of ISM Patna is commendable. Students are good but a few need to brush up on some skills like advanced excel.

**Rakhi, HR (Patna),**  
ITC Limited

”



“

Students of ISM are trained to fit for any corporate role. Their intense interest, persistent attitude and curiosity drive them to get deeply involved in their work and excel in it by bagging PPO. In my opinion they have a rich blend of creativity temperament and discipline required for a person to stand out.

**Shreya La**  
HR – BYJUS



”

“

Students of ISM are trained to fit for any corporate role. Their intense interest, persistent attitude and curiosity drive them to get deeply involved in their work and excel in it by bagging PPO. In my opinion they have a rich blend of creativity, temperament and discipline required for a person to stand out.

**Sneha Ramteke**  
HR Executive, HDFC Bank



“

It has been pleasure interacting with Faculty, HoD and staff members of ISM Patna. The campus facility and the opportunities provided to students are immense. It has been a good knowledge sharing session with everyone involved and thanks for the warm hospitality extended. I look forward to recruiting good talent from here.

**Deepak Snehi**  
MD – AIECS



”

“

Institution is good, having good students, profile as per the expectation of corporate. I am very pleased to interview the students from ISM Patna as interns. We are looking forward for a healthy association.

**Sandhya Giri**  
Branch Marketing Associate  
LG Electronics

”



“

Attitude of students of ISM Patna is good and very positive. Their fundamentals of digital marketing and business analytics are quite good.

**Mritunjay Kumar Mittu**  
Sr. Manager-Sales(B2C) – EduTech



”

# Campus Activities

Professionalism at work emanates from conscientious endeavour of curricular as well as extra-curricular activities facilitated by an institute to its learners, abiding by this basic premise ISM Patna organises scores of campus activities like seminars, webinars, conferences, panel and group discussions, talks, workshops, CSR activities, cultural programmes, sports and games etc. during its academic calendar year. Here are a few panoramic testimonials ...

# Conference



Fourth National Management Summit and Research Conference  
Management & Development Perspectives in the New Normal  
18<sup>th</sup> & 19<sup>th</sup> December 2020



Inaugural Session of National Summit  
Dignitaries Singing in Tune the National Anthem



Spellbound Participants of NMSRC



Capturing the Memory of Valediction Ceremony - NMSRC



Handing a Memento to the Versatile Keynote Speakers

# Panel Discussion on Central Budget 2021

(05<sup>th</sup> & 06<sup>th</sup> Feb 2021)

Organised by Finance Club ISM



#STAYHOMESTAYS SAFE

INTERNATIONAL SCHOOL OF MANAGEMENT PATNA  
Towards Excellence  
ISM Patna

International E-Panel Discussion Programme

“ONLINE LEARNING AND ITS POSITIVE & NEGATIVE IMPACT ON FUTURE'S GENERATION EDUCATION”

 Prof. Prasanta K. Padhy Former Pro-Vice Chancellor & Chairman (BOS & PG Council), Berhampur University, Odisha	 Prof. Alok Kumar Dean(FMS), GNSU, Rohtas, Bihar	 Prof. Raj K. Singh Dean(R&D), SMS Varanasi (U.P.)	 Dr. A. Shanker Prakash Associate Professor (FBS) Royal Thimphu College, (Royal University of Bhutan) Thimphu, Bhutan	 Dr. G. Bhattacharyya Principal Narayan World School Rohtas, Bihar	 Dr. Nawab Akram Head of Department (Marketing), ISM, Patna, Bihar
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# Convocation Ceremony 2020



# Webinars

Research & Development Committee is Organizing Webinar on  
**INERFLOW OF RESEARCH IN MANAGEMENT PEDAGOGY**  
26<sup>th</sup> June, 2021  
Saturday  
at 09:00 PM - 04:00 PM  
Resource Person  
**Dr. Sweta Rani**  
Asst. Professor  
Ariya Institute of Management, Ballari

**INERFLOW OF RESEARCH IN MANAGEMENT PEDAGOGY  
(26, JUNE 21)**

Two Days  
**INTERNATIONAL WORKSHOP ON DIGITAL MARKETING TRENDS: WHAT THE FUTURE HOLDS**  
25<sup>th</sup> & 26<sup>th</sup> June, 2021  
Topic  
**CORE VITALS OF DIGITAL MARKETING**  
25<sup>th</sup> June, 2021  
Friday  
at 09:00 AM - 03:00 PM  
Resource Person  
**Mr. Amian Das**  
**Mr. Apraetim Bhatia**

**A TWO-DAY INTERNATIONAL WORKSHOP ON DIGITAL MARKETING  
(25-26, JUNE 2021)**

Two Days  
**INTERNATIONAL WORKSHOP ON DIGITAL MARKETING TRENDS: WHAT THE FUTURE HOLDS**  
25<sup>th</sup> & 26<sup>th</sup> June, 2021  
Topic  
**DIGITAL MARKETING ANALYTICS**  
26<sup>th</sup> June, 2021  
Saturday  
at 10:00 AM - 12:30 AM  
Resource Person  
**Shashi Kiran**  
Adjunct Faculty  
Savitri College, Mysore, Karnataka, India

Sports Committee of ISM Patna Organizing National Webinar on International Yoga Day  
**Mental Happiness to Physical Readiness**  
21<sup>st</sup> June, 2021  
Monday  
at 11:00 AM - 12:00 PM  
Online Mode  
Resource Person  
**DR. MADHVI BORSE**  
Assistant Professor, Yashwantrao Chavan Pratishthan, Mumbai  
Yoga Teacher  
**MR. ARUN KUMAR**  
Head, Yoga Club, IIT Bombay  
MBA, MBA, B.Tech, M.Tech, PGDIP

**NATIONAL WEBINAR ON MENTAL HAPPINESS TO PHYSICAL READINESS  
(21 JUNE, 2021)**

Department of IT is organizing an EXPERT TALK ON  
**CLOUD COMPUTING & TECHNOLOGY**  
19<sup>th</sup> June, 2021  
SATURDAY  
at 1:00 PM - 2:00 PM  
Online Mode  
Resource Person  
**AMIT KUMAR**  
Sr. Lecturer in Home Science, Jharkhand

**EXPERT TALK ON CLOUD COMPUTING & TECHNOLOGY  
(19 JUNE, 2021)**

Gender Sensitization Cell is Organising an AWARENESS DRIVE ON  
**NUTRITION IN WOMEN**  
16<sup>th</sup> June, 2021  
WEDNESDAY  
at 2:00 PM - 3:30 PM  
Online Mode  
Speakers  
**Ms. Meenta Sachl** Wellness Coach  
**Ms. Shreya Sharma** Nutrition Expert  
**Dr. Neelam Jahan** Sports Physiotherapist  
**Amaralita Karari** Psychologist

**AWARENESS DRIVE ON NUTRITION IN WOMEN  
(16 JUNE, 2021)**

**COVID AND MENTAL HEALTH**  
"The Psychological Impact of COVID-19 on Mental Health"  
9<sup>th</sup> June, 2021  
at 11:00 AM - 12:00 PM  
Online Mode  
Resource Person  
**Dr. Sandhya Prasad**  
Assistant Professor, IIT Kanpur

**CSR ACTIVITY ON COVID AND MENTAL HEALTH  
(9 JUNE, 2021)**

Department of Marketing Organizing a Guest Lecture on  
**"Marketing Analytics in Decision Making"**  
Date : 8<sup>th</sup> June 2021 Time : 11:00 AM to 12:00 PM  
Resource Person  
**Dr. Amit Kumar Giri**  
Ph.D, IIT Roorkee  
Asst. Professor, IIS Ranchi

**MARKETING ANALYTICS IN DECISION MAKING  
(8 JUNE, 2021)**

Department of Eco & Finance, ISM Patna Organizing Workshop on  
**"Stock Market Trading using Real & Virtual Platforms"**  
28<sup>th</sup> May 2021  
Date : 28<sup>th</sup> May 2021 Time : 10:40 AM to 12:20 PM  
Resource Person  
**Mr. Ashutosh**  
Senior Manager  
Hindalco Securities Ltd. Ltd.

**STOCK MARKET TRADING USING REAL & VIRTUAL PLATFORMS  
(28 MAY, 2021)**

Department of IT, ISM Patna Organises Webinar on  
**"Oracle Cloud Infrastructure"**  
18<sup>th</sup> May 2021  
Date : 18<sup>th</sup> May 2021 Time : 11:30 AM to 12:30 PM  
Key Note Speaker  
**Amit Kumar**  
Sr. Solution Cloud Engineer  
Oracle Solutions Services  
India Pvt. Ltd., New Delhi

**ORACLE CLOUD INFRASTRUCTURE  
(18 MAY, 2021)**

Expert Talk on  
**Top paying skills in India**  
12<sup>th</sup> May 2021  
Date : 12<sup>th</sup> May 2021 Time : 11:30 AM to 12:30 PM  
Resource Person  
**Chintan Mehta**  
Digital Marketing Professional  
I.T. Consultant, Mysore, Karnataka, India

**TALK ON TOP PAYING SKILLS IN INDIA  
(12 MAY, 2021)**

Deptt. of IT, ISM Patna organises Webinar on  
**"Disruptive Digital Marketing - Unleashing the power of Marketing"**  
28<sup>th</sup> April 2021, Timing 10:00 AM Onwards  
Resource Person  
**Dr. S. Divya**  
Assistant Professor,  
VIT Vellore School,  
VIT University, Chennai

**DISRUPTIVE DIGITAL MARKETING UNLEASHING THE POWER OF MARKETING  
(28 APRIL, 2021)**

## Cultural Activities



## Sports Activities

