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**ROHIT THAKUR**  
II MECH

## FEATURING

### Get Ready for the Machine World

◀ **JOB**  
INTERVIEW  
THIS WAY



## WISE TALK

### EXPERIENCE ONLINE SHOPPING



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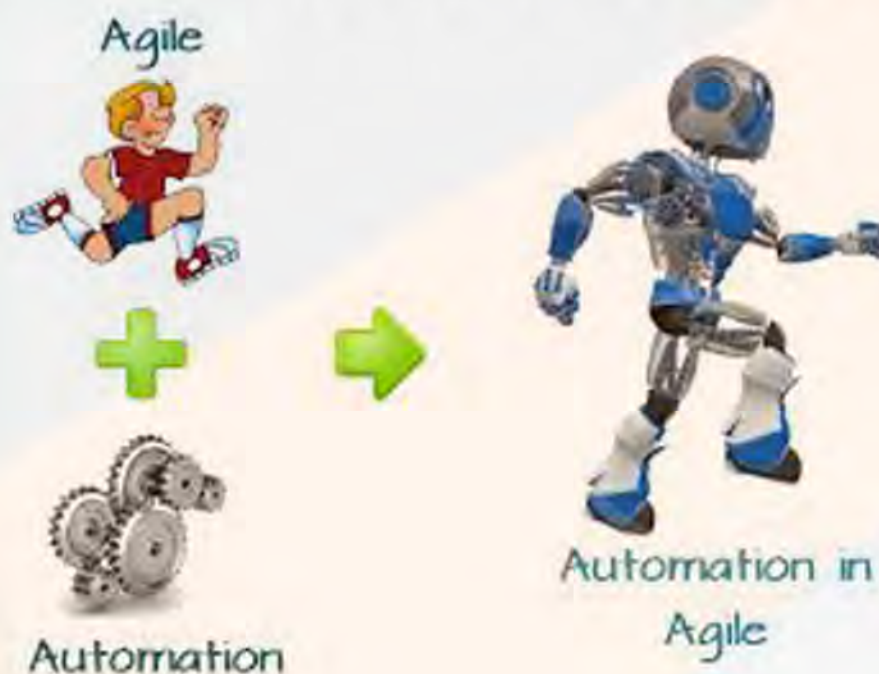


# Get Ready for the Machine World

In ancient times, people were healthy both physically and mentally because they were doing all the tasks manually but today man has become weak and machines are becoming stronger. To increase our comfort, in other way laziness, we are making machines for every silly thing. Check the couch potato model where people have snacks in one hand and TV remote in the other.

The use of machine starts from day break till dusk. From the day the wheel was set in motion, mankind started to depend on machines for their leisure and make things easy. Today, machines are an integral part of one's life but the day is not too far for the machines to gain control over mankind. Today, we are so dependent on machines that we even depend on them for our daily morning exercises or so, instead of going for healthy walk in nature.

The question here is that who is buying who? Whether people buy machines or machines buy people. Ever heard of addiction to technology and machines? Wake up, it's already happening. There may be days in future where these machines will start ordering and take charge of humans. The present situation is that humans are pampered by the machines a lot. If someone wants to talk to someone who sits in the same room but in a different cubicle, we use an intercom and for making easy calculations we are using calculators or computers instead of our brain.



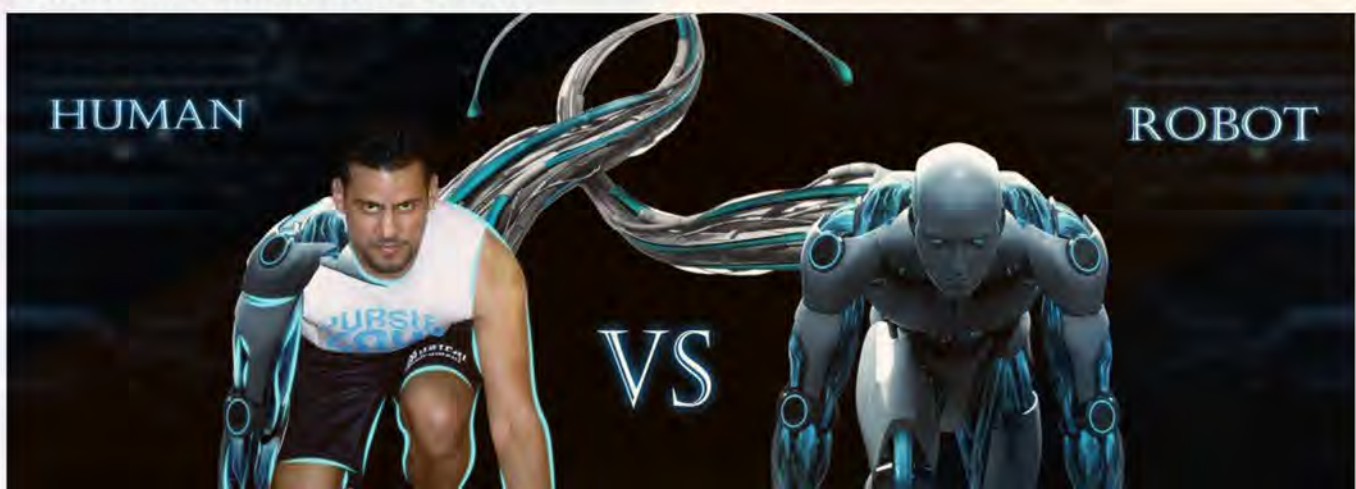


## Get Ready for the Machine World

In industries, workers suffer more due to lack of education to handle the machines and this forces them to lose their jobs. First scenario is losing jobs because of machines and the second scenario is losing job because they don't know to operate the machines. In agriculture, we are using machinery to increase production such as tractors, harvesting equipment, seed planters etc. Due to these types of machines, the workers in agriculture field are unemployed and finally the masters who invented machines are becoming slaves and the machines are becoming our masters but don't mistake this for empowerment.

We use machines to reduce the human effort and complete the work easily and quickly and if you become addicted, don't blame the machine but yourself because only you have got the sixth sense. When you are unnecessarily chatting and wasting time in social networking sites, it's your fault because you could have used that time and energy to search something important on the internet. You could have used them to increase your capability by learning something from the internet rather than forwarding all the non-senses to everyone in your contact, guess who is becoming a machine with some routine tasks.

In my opinion, future is going to change abruptly and it will occur in our lifetime and the present divisions in the society based on caste, creed religion, colour, etc. all will diminish. They will be divided into two groups - super humans and normal humans. Super humans will be genetically enhanced people and cyborgs who will have machines embedded within them.





# Get Ready for the Machine World

Since machines possess higher level of AI (Artificial Intelligence), we need to enhance ourselves to match them before they surpass and conquer us. This process has already started and at present, there are some people who have embedded capsule chips in their body so that they can interact with home appliances. Some have even embedded metal parts within their bones which make them stronger. Machines controlling humans doesn't always mean we are becoming slaves here but we are making things which can control themselves. Machines can pose a threat to humans only if we let them have that programme. A robot may be built by another robot but remember the first robot was created by human beings. This shows that no matter how intelligent robots become, the decisions they make ultimately depends on humans. For example, the article "The Machines are coming" discusses how workers are being replaced by technology.

Zeynep Tufekci writes, "Unfortunately, for most workers, technology is used to automate the job and to take the power away from them". This is an issue that could be debated, if not solved, by the governments. "This problem is not Humans Vs machines but between us, humans and how we value one another." At last, everything is in our hands and it depends how well we use it. Be awake and alert, the machines are coming!

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# Experience Online Shopping

Online shopping is a form of electronic commerce which allows consumers to directly buy products through online stores. The first secure retail transaction over the web was introduced in 1994. Immediately after that, amazon launched its online shopping site in 1995 and subsequently, eBay was also introduced. Online shopping has its own advantages.

Accessibility is one of the prime reasons. One can order product from anywhere, any time. Gadgets come handy in making one purchase online products from the comfort of their mobile phones. The ease-ability and convenience of online stores have increased the number of people opting for online shopping as against the traditional shopping.

The availability of various versions and the different brands on the same products throw the world of shops in front of the customers. Some business concerns would release their product online first, so that they can monitor the response for their product before marketing into the shops. They could also make enough modifications depending on the online user feedback. Although the delivery of the product takes more time that doesn't matter because people want to be comfortable. Companies have also introduced express delivery and same day delivery by opening more dispatch facilities across the globe.





# Experience Online Shopping

Online shopping saves time and energy when compared to traditional shopping because, in this busy fast-moving world no one is willing to spend more time in going to the shops. Online shopping helps one to access more number of products, different models and price comparison. This facility and variety attracts more people learn to get into online shopping.

Online shops slice prices and offer discounts during festival seasons to attract more people. Traditional retail shops have a hell a lot of expenses to cover which limits them from extending this special offer facility. Online shops do not have to pay for the physical shop and employees, so they could make up these offers.

Every coin has two sides and online shopping has its own disadvantages that one should become aware of. One of the most important disadvantages is lack of employment. When stores are closed down because of online markets, all those work there would lose their jobs.

Another concern about online shopping is security of user data. Although all the websites say that they are protected, it's the user's responsibility to keep their information safe. This is done by analyzing which one is secure website and which is not. This is identified by simple technique that is in address bar, left of the URL, it is referred as 'secure' or 'insecure'.





# Experience Online Shopping

The quality of the product is a big question mark. No one knows from where the product is shipped or whether it's a used product or unused product. This uncertainty leaves the online shoppers vulnerable to fraudsters besides the product replacement process will squeeze all your energy and patience out. In a traditional shopping we can go, speak to the shop owner and get it refunded or exchanged.

The final threat is becoming addicted to the online shopping and the loss of happiness that we derive when we go for regular shopping o the nearby stores. People become spendthrifts because they will become obsessed with different products and forced to Obsessive Compulsive Disorder. This will in turn break their families because people with this obsession will keep spending and go for loan when they don' have money. Alternatively they would also argue and fight for money from their family members and friends. This will break their relationships and people will fall into chronic stress.

Be aware of the traps that online shopping would bring in the future and if you spend responsibly and wisely, you can have better shopping experience. Experience the changing market trends but don't forget to experience the joy of traditional shopping too. Happy shopping!

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# Commercialization of Medical Services

Commercialization has made medical service a profitable profession and paved way to open more private owned hospitals. These hospitals of course have better facilities such as nursing care, technology, accessibility etc. As a strategy, Only 22 per cent of the health expenditure is public funded in India as compared to 44 per cent in the US, or 95 per cent in countries like Sweden or 75 per cent in all the market economies of the world taken together. Some see that growing commercialization of medical care, ranging from general to super specialists, in corporate hospitals is unethical. Many think that the doctors there are treating people with profit motive. Commercialization of medical service has both advantages and disadvantages. Firstly, private hospitals spend vast amounts of money to buy necessary equipment. This satisfies people who are in need of special treatments. Private hospitals keep their hospitals clean and take more care of their patients. Government itself can't invest more money for healthcare, so, it's better to give responsibility to private people who can provide better healthcare for people. Because of commercialization of health care, the need for more doctors and new medicines are on the rise. Many diseases that are difficult to treat also been treated with modern developed techniques and equipment, saving many lives.



"WE'VE COME UP WITH A NEW DRUG TO COMBAT 'GREED', BUT IT'S \$90 PER PILL."



# Commercialization of Medical Services

Although commercialization of healthcare has benefitted the public at large scale it comes with its own demonic face. The high cost of private hospitals and lifesaving drugs have landed masses in disaster. Many people have died because they were denied proper healthcare. These hospitals recommend tests and medicines just for their profit. They do this because they don't have any reason to do this as a service. The doctors and the management of the hospital alike have spent lots of money to get their certificates and establishing the hospital, so their motive will be profit. Most of the multi-specialty hospitals are located in the city where most people are rich. It's like a market segment where the customer can really pay for the product and services that are offered by the company and in this place the company is the hospital.

To conclude, Government should improve the quality of treatment in government hospitals. After all it's the fundamental duty of an elected government to provide better medical service to its citizens. Doctors must take responsibility to treat patients, according to their oath "I will care my patients in a scientific and ethical manner. I will provide best care to my patients without any other consideration".

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# Education Vs National Commitment

A nation's success depends on many factors but if we compare ourselves to any other countries such as the US, it's totally wrong. Every one of us has some priorities and education is on the top of the list. After pursuing high levels of education, we look for an excellent job with a good pay package. In between all these, we do not have time to think about our nation. There are number of people who understand their responsibilities towards the nation and execute them meticulously but there few others who don't care. Dr. APJ Abdul Kalam was a true patriot by refusing the opportunity to work in NASA. He chose to be part of Indian science and he took Indian space science to a different level in India.

Ask yourself this question, 'If I have an opportunity to work in NASA, will I stay in ISRO'? One of the major problems is that Indian government doesn't give much money to the talented scientists or employees in other public sectors. Consider IAS officers. They are the ones who keep country up and running, they are the one who represent the government, introduce the policies of the government and they are highly qualified people in India, but what's their income? Not much, so why one should do this painful job where one is not getting enough money whereas, even a fresh engineer in a private concern is earning more than him.

*If you salute your duty, you need not salute anybody. But if you pollute your duty, you have to salute everybody.*





# Education Vs National Commitment

Educated Indians contribute a lot to help the nation such as Swachh Bharat. There are many groups which help people in becoming urban farmers by creating roof top gardens. We can help NGO's that help children who teach children for free of cost. In these, corruption in India is a major issue that adversely affects the country's economy and government agencies. Education helps reduce corruption and according to a report by Transparency International, the least corrupted state is Kerala because of the highest number of educated individuals. Educated Indians should not stop with this but they have to pay the taxes properly, invent low cost machineries to help the rural people and above all everyone should vote. Educated Indians should also participate in nation building activities and encourage their children to grow with a feel of national commitment. They should also fight for the rights of the village people. Finally one should feel proud to be in his country and serving it. One shouldn't ask every time 'what this country has done for me' instead one should ask what I have done for the country that has given me a place to live, facilities to use and protect me from all the dangers. It's not about educated or uneducated everyone should be truthful to the country not just in times of crisis but in one's day today life too.

**'Let the country prosper with the blessings from all its citizens and let the country bless its people with a prosperous life'.**

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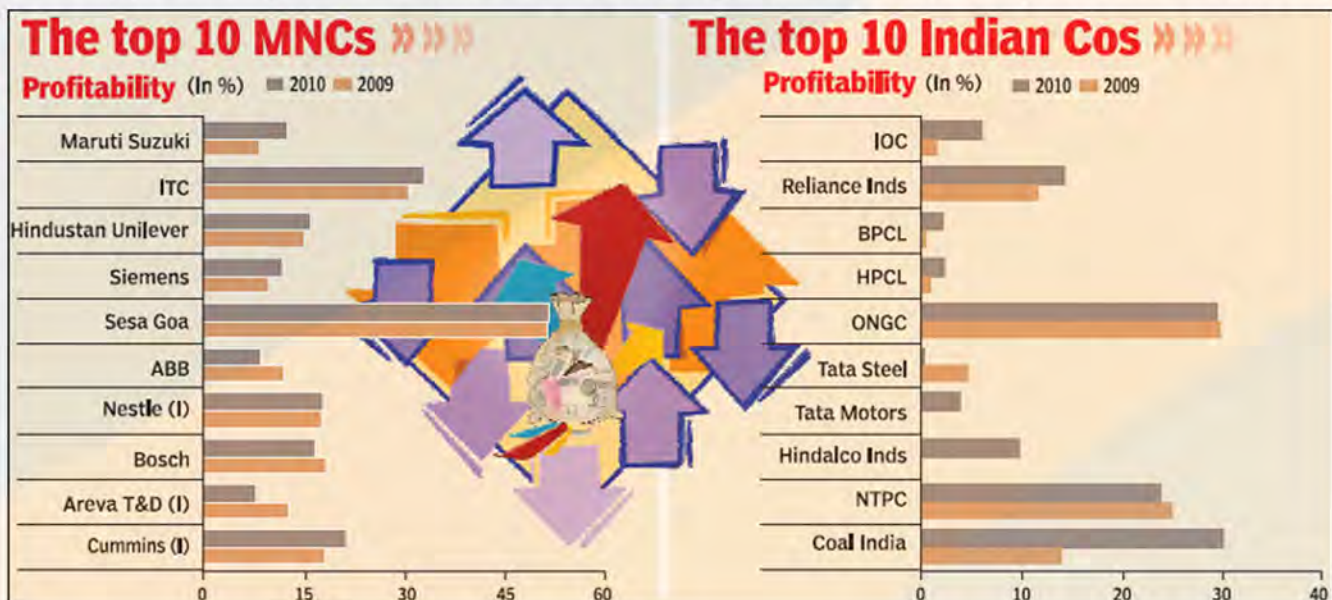


# MNCs Vs INDIAN COMPANIES

There is a view among the common people that MNCs are superior to Indian companies. In a way it's true but it's also true that the same companies bring in more work pressure too. Multi-national companies provide people with better and enhanced job opportunities and exposure. They provide employment to many people and also, give them opportunity to show their talents beyond Indian boundaries. These MNCs have branches in most of the countries in the world. They provide quality and innovative products and services in our day to day life but of course for a price.

These companies also help in increasing the import and export trades, thus contributing to Indian economy. Employees working in an MNC culture also have an edge over other employees who work in Indian companies because of their international environment which broadens their mindset. The infrastructure and other facilities provided by multi-national companies are much better than those provided by Indian companies.

People from several places around our country are addicted to their products because of their familiar brand names. The products from China have taken a big market share in our country. Although it is difficult for a multi-national company to enter in India and start and sustain its operations because of the changing policies, they find a way to do so. The result is very obvious that Indian companies have started losing their importance with the increasing number of MNCs presence in India.





# MNCs Vs INDIAN COMPANIES

The MNCs at present has taken a strong stance of sending the employees home as part of their cost cutting measures which is one of the many cruel faces of the MNCs. Indian companies are going out of business as they are unable to match the quality and infrastructure but we need to remember that most of the Indian companies are relatively new. The MNC's have a stringent interview process making it difficult for an averagely skilled person to enter an MNC but opening doors for brilliant and talented people from the large pool of people.

Indian companies have started realizing the fact that they should match the salary, quality, product and service with the MNCs. They have already started contributing to the growth of India. These companies have provided a lot of opportunities to people in India thus contributing to Indian economy too. They have also taken a major market place in other countries too.

The good news is that more new start ups are coming in and they have started providing cheap and best products to ordinary people of India. Let's hope that the time is not far off when Indian companies overtake the MNCs of other countries.

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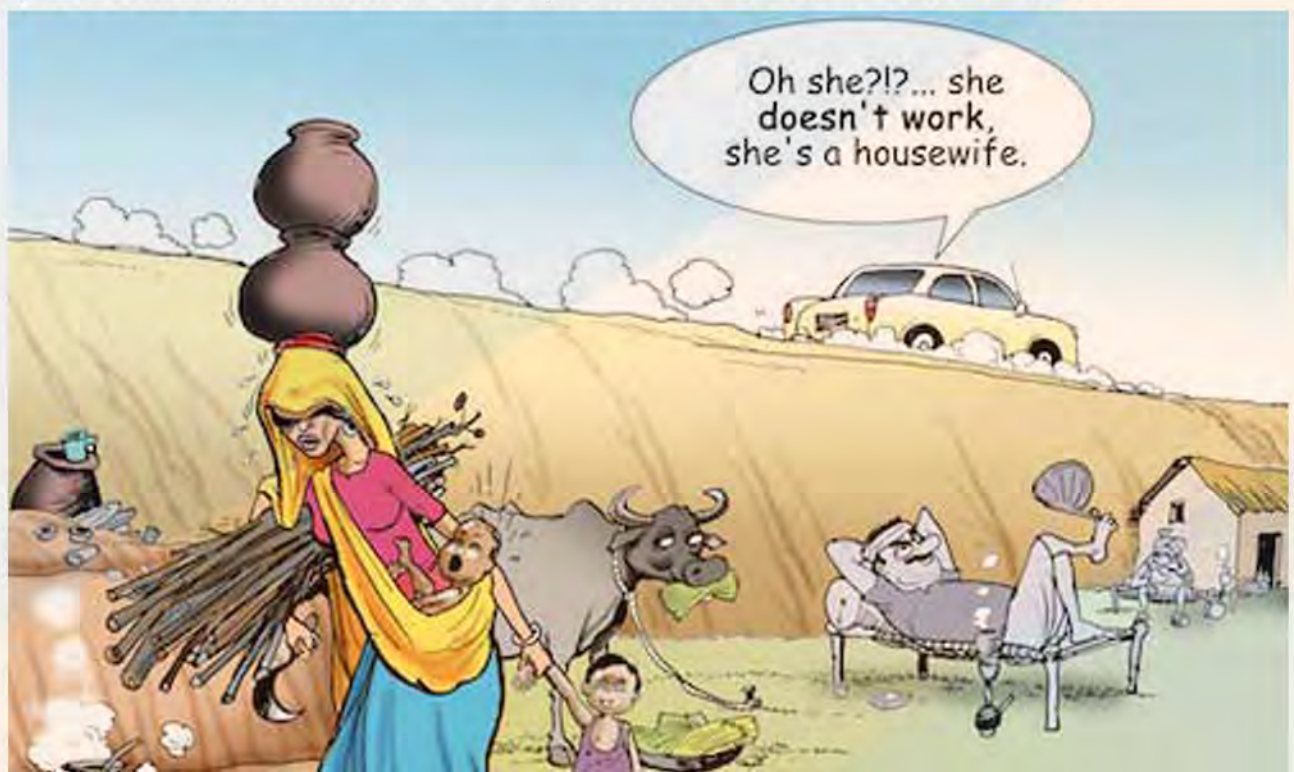


# POSITION OF WOMEN IN INDIA

In the modern world, women in India are given equal freedom and rights such as freedom of expression and right to education. Women in contemporary India have entered in all the profession starting from space to military. The phrase "ladies first" has become a reality for the women in various fields. We can now see that women are employed in all the fields as against the traditional IT and teaching jobs. They work in IAS, IPS and Indian armed force etc.

There is also another side for the same story. Problems such as dowry, female infanticide, family pressures etc. are still prevalent in India when compared to other developed nations. Several laws have been passed to abolish these problems but illiteracy and lack of awareness are the obstacles that stand for these absurdities.

The cultural history of India reveals that in India, theoretically women were given the status of goddess as described in many religious texts but in reality, she is protected by her parents, by her husband after marriage and then she has to be under the control of her children. In developed countries they are independent and they have full rights to take their own decisions. The status of women is protected by laws but they are still far from reaching the houses. In practice, they continue to suffer discrimination, harassment, humiliation and exploitation inside and outside home.





# POSITION OF WOMEN IN INDIA

There are lots of women in almost all the fields where women excel. For example, Kalpana Chawla and Sunita Williams in space, Indhira Gandhi in politics, Kiren Bedi in Police service etc. Women are also in sports field and perform well. Like other countries, they also have full freedom. Although women are given reservations and preferences in many sectors, we are still in a worst side in providing safety measures to women in India when compared to other countries.

Women on the other hand, take things for granted. Now that they have started earning and economically independent, they make even smaller issues into big and use their privileges to retaliate men. This is only an arrogant step towards women's freedom. Women want to do everything, even the mistakes that men do to show that they are not inferior to men but this shows their ignorance.

It's about complementing each other and progress together. India is still in a transition state where people's basic perspective hasn't changed much towards women empowerment. Cities boast more freedom while villages are still in the clutches of men. If India wants a steady progress in the global arena, it has to provide enough freedom, security and opportunities to its women population.

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# Impact of Social networking Sites

Now-a-days, the average time people spend on social networking sites is continuously on the rise. These sites offer lots of opportunities and threats to their users. Internet and its brain children, social networking sites prevents the youngsters from playing physical games. Youngsters like to spend more time on these sites rather than playing physical games and meeting people.

The good thing about the social networking media is that it's a good platform where one can share information. Students use these websites to study and share information. People use social networking sites to solve real life problems by coming together and getting empowered. The most recent social revolution was jallikattu agitation that attracted the international attention. Tamil youngsters showed their solidarity in getting their rights back by throwing all their social and personal differences. Paytm, digilocker, money transfer etc. are the recent trends that are revolutionizing the social networking sites. Students are also using social networking sites to learn using visual content that are posted on the sites. They also watch lots of motivational videos and audios of famous speakers.

**WHEN WAS THE LAST TIME YOU CHECKED  
ON YOUR FAMILY MEMBERS' LIVES INSTEAD  
OF THE NUMBER OF LIKES YOU GOT IN THE  
PAST HOUR?**





# Impact of Social networking Sites

Some of the drawbacks of using these sites shouldn't be overlooked. Hackers are preying on the innocent people's personal data and put them in huge trouble. Social media provides us social and cultural awareness and these two make us responsible citizens. When someone wants to comment on the news that is published in a newspaper it used to be a tough task but with the dawn of social networking media, it has become super easy. Sharing whatever someone feels may be awkward at times so, freedom of expression should be used appropriately without hurting anyone intentionally.

These sites also provide a very good platform for people who want to set-up their start-up. The advertisement becomes very easy because if someone knows you they would definitely share it with their friends circle and within days it would have reached the entire globe. Finally, social networking sites are the best medium through which we contact people who are far away.

Social networking sites are like two edged swords, so one should use them wisely without getting trapped and lost. Individuals are responsible for using whatever sites they use, responsibly.

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# Impact of Digitization in Banks

Digitization is the process of converting data into digital format. Everyone today, goes to bank for transactions and before digitization, people had to wait in queues in the banks for each and every transaction which was time consuming. So, is it alright to run behind the banks for all our transactions? The answer is definitely going to be a big NO. Digital technologies have achieved very rapid adoption in a very short span of time. It has revolutionized the way transactions are done today in the banks. We are witnessing an age of digital literacy and application where almost everyone including the uneducated people use their mobile phones for bank transactions.

Digitization is done through debit/credit cards or through online banking. We need not carry physical money in our hands all the time. This transparency in transactions of goods and services will eventually lead to less tax evasion. It saves lot of time as it eliminates the long wait in the queue in front of the cashiers in shops. Prepaid recharges and bill payments are also settled online. It provides employment to a large number of people from the technology world. ATM cards have fast and 24\*7 robust system that helps the customers anytime and from anywhere. It enables instant money transfer and more centrally connected database such as Core Banking Solutions. If cashless economy is the ultimate thing, only technology can spearhead it.





## Impact of Digitization in Banks

Although all these processes are good for a clean economy, most of the villages today don't even have power supply. The world will look clamorous, educated and happy from a city view. What about people who live in rural areas where not even the basic amenities are available completely.

As the number of online users increase, the servers will be busy and they may not be able to speed up the transactions and processes. The security of online transactions is not much secure because there is a chance of someone hacking the system and leaving the customers astray. Although technology in the banking sector is highly sophisticated and useful, it also has a bad impact on human health. People become couch potatoes when they have the comfort of doing everything from one fixed place.

Today, Technology plays a vital role in every sector and banking sector depends on various technologies. Government pushes digital transaction after demonetization, it is determined to create a completely cashless economy by 2018. So, these are some of the smaller steps towards a bigger goal. Even though there are some disadvantages in digitization of banking, people across the world move towards it because they are not ready to waste time and they have realized that it's the future.

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# MOBILE PHONE ADDICTION

Today, everyone is addicted to mobile phones and youngsters are vulnerable to mobile phone addiction among all. According to a survey, 96% of cell phone ownership is with youngsters aged 18-29-year-old. Using Facebook, Twitter, and whatsapp alienate us from our families more than we think they do. When my family is spending family time together and watching a movie, I and my brother are on our phones rather than spending the time with our parents. Computer could disable a person's ability to respond to conversations spontaneously by making it awkward and unusual to hear something and respond with a thoughtful message because of one's dependence on a keyboard to convey a message and lack of emotional touch. Children who use their parent's mobile phones to play games will lose their creativity over a period of time. Youngsters waste lots of time playing video games in their mobile phones. Using mobile phone regularly can reduce one's IQ level. Anything that takes your attention away from focusing on the task at hand such as sending a text message, talking on a cell phone, using a navigation system and eating while driving are a few examples of distracted driving. Any of these distractions can put the driver and others inside and outside the vehicle in danger.





# MOBILE PHONE ADDICTION

The smart phones have become really stupid in the hands of stupid people because they spend nearly 30,000 rupees and buy a phone but use it only as a text machine. Most people do not know what else a mobile phone could do. It is a watch, a audio and video player, calculator, text reader and editor, photo and video camera etc. If one uses a smart phone only to texting, why should someone spend this much money? So the quote is true that people know the price of everything and not the value of anything. Think of a scenario where all the mobile phones are gone and the telecommunication is lost. What will happen to people who are mobile phone dependent? Will they see the next day? Will they be able to face people and communicate?

Today, the world is in a state that it cannot function without smart phones but making the phone smart or stupid is in our hands. Otherwise it would be a garland in the hands of a monkey. Wise people keep technology a slave to themselves but ignorant people become slaves to technology. Technology is here to serve us and we are not supposed to be faithful servants to technology. Let's try to spend more time with people and less time with machines, otherwise it's imminent that humans will become machines and machines will become their masters.

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# Government Vs Private Healthcare

Privatization and commercialization of all the services have of course helped the developed countries prosper but they also brought class difference where rich people who were able to pay for the facilities got whatever they wanted in whatever way they wanted but poor people who were not able to pay for it suffered till their death. There two primary arguments. One says that government can't do everything because of the financial constraints but the other says if the government can't give basic facilities including medicine to all the people equally, what's the use of a government? What's the use of collecting number of taxes?

Health care facilities in government hospitals are poor when compared with other nations. Commercialization has improved the facilities and service tremendously. Now-a-days, people visit private hospitals rather than Government hospitals because they provide clean service with modern facilities. The funny part is that even the government hospital doctor's family doesn't go for treatment in government hospitals. All the politicians visit only private hospitals because they know that those hospitals don't have any facilities. The funny part is that these people run those hospitals, I meant the government hospitals. For poor people, it is difficult to go to private hospitals because the treatment cost is too high, even for people who are already dead.





## Government Vs Private Healthcare

I agree that most of the Government Hospitals are still in the 19th century but the private hospitals have already moved past the 21st century. For the private hospitals, saving a life depends on the amount of money it holds. Their primary motive is profit where service became synonymous with money. Commercialization is welcome but if it is moderated and supervised. Government may promote commercialization but it should ensure that even the last citizen gets the best medical care.

It could focus on improving the existing facilities and provide health insurance to everyone in the country. Government needs to regulate the pharmaceutical market in monitoring the type of medicines available in the market and the pricing of those medicines. It's really important to prevent doctors who are employed in government hospitals from practicing as private practitioners. They, most of the time work full time in their clinics and visit the government hospital to sign the attendance register. Medical facility is the right of every citizen and it's the fundamental duty of every government in the world to provide quality healthcare to their poorest citizens. The governments, by allowing multinational companies pollute the air and water thus making people sick, so it's their ethical responsibility to clean the mess that they have brought on the society.

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# CRUSADE

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**Crusade wishes everyone a  
prosperous New Year**

**NOVEMBER 2017**

It's time to shape your dreams

It's time to stay focused

It's time to live your dreams

It's time to move focused

It's time to awake for the war

It's time to strengthen yourself

It's time to aim for the stars

It's time to find yourself

It's time to sharpen your vision

Go away from the madding crowd

It's time to prepare for the mission

And proclaim your success aloud



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