

What Technology will lead to Businesses around the Globe Future impact on various Areas

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Abstract

Over a decade businesses are doing well in terms of creating good revenues, well brand recognition, huge market area capturing, best designing, making a wide chain of distribution network by catering the needs of entire world that sets benchmark of desires all the times. But as we say that change for the sake of change is not change as there comes challenges pertaining to check the potentials of the entrepreneurs especially in today's era when people has large access to information of what developments are going and where. Today the greatest invention ever, Internet technology and mechanisation which had achieved a pace of 5G used by billions of population lead an urge to businesses to develop what they are doing and to do at that level and of that quality that will change the entire business scenario no one could think off. This paper will focus on the kind of technologies contributing to businesses in various areas like production, communication, promotion through social influence, designing, distribution, due to which businesses are flourishing presently and their future prospects of growth can be high in forthcoming years and decade. Further work can be done on this paper in different areas.

Keywords *Technology, Innovations, Artificial Intelligence, Social Communities, Social Networking, Blockchain*

Overview of what's going on and what it will be

There are many perspectives towards the trends emerging in twenties. By 2027 computers Artificial intelligence and robotics will automate and replace 40%-60% of jobs. "What use to fit in a building now will fits in your pockets, what fits in your pocket now will fits inside a blood cell in 20 years." said by Ray Kurzell. By 2025 the whole world will be online, so it in the need of the hour that entrepreneurs should have to expect the unexpected and prepare for exponential change. A human are biased to think linearly, As entrepreneurs and innovators we need to think explanatory. "If you can build a machine to do what people do and do it faster and better and more reliably than why not." Martin Ford. In upcoming times we will be able to reprogram human biology a way from curing many diseases and aging processes..By 2025 3D printers will print human organs using modified stem cells with patients own DNA.Blockchain A revolution started in 2008 at the time a cryptocurrency launched Bitcoin which had touched the remarkable edges in investments in American countries is coming with new avatar where its strong and secure structural design will lead the businesses of real estate, insurance, medical services and another ones to a high peak .As Arvind Sankaran says "We are witnessing the creative destruction of financial services, rearranging itself around the consumer. Who does this in the most relevant, exciting way using data and digital, wins." Considering the importance of influence of one's word technology had came will impeccable number of social media tools which are used by some budding entrepreneurs and among very young youth for promoting their brands and some are working as Self brand on these platforms for making the designated product demandable. Number of areas are discussed where technology had done and will do the miracles in years ahead.

In Production sector what's ahead

The traces of 3Dprinting could be seen when first printing press was established by Johannes Gutenberg in mid fifteenth century. As the surge pass of centuries innovations were being done and at the time of digital revolution 3D Printing has transformed the medical, military, construction and many more sectores.2016 had marked the first 3D printed mansion which was earthquake resistance capacity of upto 8.0 rector scale, constructed in 45 days. Prediction has been made by Smartech that in current year i.e.2019 3D printing will become of \$1.1billion lead to make automobile industry get an enormous growth. Prince of Wales Hospital in Honkong had created a man's pelvis, for treating him from pelvic tumor.As Scientific American in future 3D printing technology will explore its potential in areas of tissue implantation and "Complex bio mimetic hands" on which scientists are working upon which will not only give movement to hand but also will provide the feeling of sensations on touch. As in next step the team at Wake Forest Institute for Regenerative Medicines are very near to complete "Integrated Tissue and Organ Printing System" an important step towards Bio Printing organs and tissue and surgical implantation and there will be no who get deprived of living due to short number of organ donors.

Technology will be at the Doorstep of people

Technology had done a momentous growth to let the products reach at the place of consumers with a very short time as today consumers in their daily fast going lives with no times are very low tolerance when they expects about that goods and services should get delivered to them in very no time. Artificial Intelligence from past few years and presently is on a pertinent lead where tools had been designed in such a way that will turn the complex problem to simple solutions. Amazon is the leading brand among e-commerce in the world which have no physical shops had appointed a large workforce of robots in their warehouses working as warehouse pickers as the order is made to get that and to dispatch it for the designated place, they Amazon robotics ,Research Development body of Amazon is still improving the functioning of robots including control sophisticated control software, language perception ,power management computer vision , depth sensing, object recognition and semantic understanding of commands. Drones ever since they shown up the are constantly evolving with greater advancements and models performing that kind of tasks which could not be think off. Though we have seen drones in taking pictures but Amazon Air had made the possibility to deliver the product to Amazon users at their addresses .Dominoz is the food chain that had started delivering pizzas. Future of delivering via this invention of Artificial Intelligence will reduce the need of human capital in delivery mechanism.”Skies aren’t clogged with Drones Yet, but don’t rule them out.”Tomorrow many of companies like Google is going to come up with drones, though drones are being designed as per the capacity as it could take maximum of 7 kgs now and could make one package a time. Research is going on regarding the maximization of size of drones to reduce the per order cost of delivering as it will ultimately borne by customer, so reduction is essential part. Companies are working on the concepts of “Self Driving Cars” which will not only helpful for the people in daily lives but will robustly impact the commercial sector regarding the distribution of products at the doorstep of consumers with fulfilling maximum orders at a time and could get adjusted as per the surrounding and would able to take decision regarding to tackle with obstacles like pedestrians and vehicles traffic. Alibaba’s Cainiao has launched the first driver less 200000 square meters vehicle park in Chengdu, Sichuan on 28th February 2019 .The internet networking system from which through cloud mechanism it can automatically dispatch unmanned vehicles , vehicles could access the multiple warehouses automatically and transfer the parcels between centres

Virtual Reality Forthcoming Era of New Communication

In Future years technology innovation will change our routine lives. You will talk to www and www will be talking to you. Today we are doing Google search and we need a keyboard and monitor or we simple talk to telephone .Virtual Reality tools will change the way how people create, build and interact with information.IBM and Lucepecad are working on speech on www. On March 2019 Xinhua a news agency of China introduced “Xin Xiaomeng “a virtual news anchor in their newsroom who looks as a beautiful real lady with proper human voice with needed voice modulations who can report tirelessly for 24*7 from anywhere. Xin has been unveiled after months the debut of her two male anchor counterparts “ Qui Hao and Zhang Zhao” in November 2018 who are future of news readers which will bring accurate news timely in English and Chinese and without being stuttered. As the line between the human and Artificial Intelligence is getting blurred now a day’s Google Corporation CEO Sundar Pichai had blown away the mind of people with introduction of “ Google Duplex” on which Google is working for many years is an ability of Google Assistant in androids to have a realistic conversation with actual human being. A real call was made on stage at May 2018 by Google assistant to a salon as prescribed by Pichai for get an appointment for hair cut as per his desired time schedule. The person on another side could not even came to know that he is talking to a machine or a real human being. Google is working on this for placing orders at restaurants and for conversing with travel agencies.So by the emerging virtual technologies and their unimaginable growth in future will change our lives or may will live by them.

Influential Powers Today and future of Online communities

Social networking in present time is laying a strong impact on the impulse of buyers as it has features customisation as per the audience and has an humanitarian approach which strongly pays its part .Yes emotions couldn’t be denied though. Social communities are future of tomorrow’s product and services branding on which youth will rely. YouTube launched on February 14th 2005 by Steve Chen, Chad Hurley, Jawed Karim which has become the 2nd largest application visited in the world. There are 130 billion users of this in the entire world out of which 225 millions are there in India having a high percent of 26% watching age of 25 plus. For brand and marketers’ there are new channels which have a strong influence on youth today on you tube. The existence of Youtubers who are in their 20ties or 30ties had replaced the influence of movie stars (though they are quite expensive) having a strong influence of the words spoken by them on youth of their ages .Today many of marketers are collaborating with these Youtubers having large subscribers for the reviews of their products or services to make it in demand. In India for movies Ashish Chachlani having 14 lakh subscribers, Bhuvan Bam having 12 lakh subscribers have powers to make a person to watch movies in theatres, that’s why many production houses

and even celebrities are collaborating to them for their promotion. Even books are being purchased today on the recommendations of Booktubers. Even Amazon has collaboration with these Booktubers by their reviews and using their affiliate links person who is going to purchase books could avail discount . “Poland Banana books” and “Abookutopia” are Youtube Channels in USA having more than 200k subscribers in world serving the need of public to get good books recommendations. Helly, a Kolkata resident a Booktuber in India (among only 6or7, due to low investment in books by Indians) having large subscribers of more than 1 lakh has a strong impact on her viewers. Today due to existence of online Social communities where the word of mouth plays a great role in influencing the purchase decision of a buyer ,Facebook ,Whatsup ,LinkedIn are the communities where youth spends a lot of his time are part of it and businesses are getting benefits of these virtual relations. Picture based marketing today Intagram , Snap chat are using recognition and other filters at their posts for their branding that takes the user direct to other associated links . Budding intagramers are playing a major role in attractive marketing. Using ones photo by a team of members and employees unhesitentaly are making brands and the brand creator very popular. Pxclodi is a garment industry which uses instagraming for its branding. Bookshop Insta ,Penguin , Harper Collins, Westland ,Sage publications use to take pictures of books today with hashtags linked with other appraisal pages and communities.In E-commerce company Amazon you can see the reviews which are thousands in number (though negative or positive)are making the users of these e-commerce site to plan for their purchases. Gadgets and paperback & kindle editions of books are having high comments about their satisfactions and dissatisfactions which make the further buyers to make their potential purchases.

Security for Buzz World Transactions Blockchain

The invention of internet has solved many problem but where it was unable to cope up with are maintaining trust and disintermediation which are the requirement of the business and the beneficiaries of it.Blockchain is solution to these problems, is a tech service that will change the way of doing business and our lives for next 20 years in the same way Internet had changed our lives for past 20 years. Today if a person X from India has to transfer person Y in another country there will be an intermediary , a bank or PayPal between them and transaction will take 3 to 4 days also will include some cost also. By Blockchain, this transaction will be done within no time as it is based on decentralised ledger system who works in real time, by working on blocks which are in universal number and everyone in the chain will know how much, to whom ,by whom transaction is being done. Yet it is safe, as transactions in Blockchain are well protected by best Cryptography algorithms which are very hard to crack or can't be crack by hacker because for breaking one block one has to break all blocks or we can say number of hackers will have to hack the computers universally. That's why Banking sector are going to introduce this for making the transactions secure and no further prevalent of frauds therein. RealEstate and Agriculture are the areas where often there are disputes in all parts of the world as many ask the property belong to them .So easy solution for it is to bring these sectors under Blockchain and the Decentralised Databases are to be made and used at the time of registration in order to reduce the number of fraudulent acts. Insurance sector, Government for reducing subsidies and voter id fruads, education sector for distribution of scholarships will be major players in Blockchain and there will be a revolutionary change in the way of doing protected and trustworthy business due to full authentication and disintermediation.

Conclusion :

Technology had made such advancements which had led the businesses to get touch the Skys . With Smartphone, Tablets, Computers,Smart TVs it has exploded and one cannot imagine a life without them. From the ages of search engine we had done a compounded growth and are in the world of revolutionary communication and information where for every need we have applications whether for food,GPS for driving ,Bluetooth for fast connections and sharing, Video conferencing , Facebook ,Instagram are there for making people getting connected with others. We could expect future growth though not exactly but from the things which are in their infancy ages now will be our life drivers in few years. Cloud computing for storage, AI will do everything from blending the physical and virtual worlds for better and effortless communication to getting deliver the products at our doorsteps and making the high degree growth in medical sciences by 3D printing, modifying the tissue and organ culture etc. More work will be done on the security systems and Block chain will bring a shift for making the trades reliable and get them increase in quantum .While the future is unknown , we believe in leveraging technology to create personalized approaches and solutions.

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