

## THE IMPACT OF TECHNOLOGY ON WORK AND EMPLOYMENT

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**Abstract:** *Due to the rapid and widespread use of computers and information technology within the work environment, the workplace has undergone many transformations. Such quite transformations have moved towards the present era being considered as the Digital era. Because digital era is proceeding, there are numerous changes occurring within the work environment like the increased role of information, skills and so as to stay up with the pace, the staff are required to update themselves time and again. Also to retain yourself at workplace there's a necessity to own more flexibility in work and be a lifetime learner. Technological development has an impression on work by increasing productivity, efficiency and at the identical time eliminates danger and human errors (Warfield, 2007) but impact of technology on destroying jobs is additionally the aspect which can't be ignored. The article has explored the impact of technology on work and thereby employment.*

**Keywords:** Digital era, Employment, Information Technology, Technological development, Technological disruption, Work environment

## 1. INTRODUCTION

Technology for anything is the headway of the present procedures for given assignment. At the point when we talk about Technology in occupations we mean how automated a work can be, with the goal that it builds the productivity and empowers cost decrease. For the sake of adequacy and proficiency machines have overwhelmed human exertion in numerous segments, and will keep on doing as such. What's important is to realize that Technology redesign has two viewpoints on occupations is that how is has helped in making the activity the workers simpler and the other is the way it has decreased the quantity of employments available or negative effect on the employments. There are some positive effects of technology on Joblessness. Advancement of Technology has an extraordinary effect in the working environment with expanded profitability, effectiveness, execution and simultaneously taking out the hazard and human blunders. Technology has rolled out different positive improvements in fields like clinical, farming, instruction, industry and a lot more and now it's an extraordinary time you should get hand together with it and push ahead towards enhancing tomorrow. The important positive effect of Technology is that is has lesser odds of mistakes, when contrasted with the human drudge, and this could before long lead to the majority of crafted by work into man-made intelligence (man-made consciousness) based frameworks of organization and large scale manufacturing, generally of the assembling and the farming segment.

Automation of the unremarkable assignments as well as expert work performed by the generously compensated labour, if the work being finished by programming prompts exact outcomes setting aside cash and time. The firm will wind up requiring less work. Additionally, all labour should adjust, as their occupations develop nearby progressively skilled machines so as to work and acquire. The pace of present day innovative change is fast to such an extent that numerous labour, unfit to alter, will essentially get out of date. The increasingly more innovative supported work will prompt lesser work, from the assembling to tertiary each part will add to the decreased interest of work. For example think about India as a work concentrated nation, in the event that we adjust to capital serious techniques for creation, the opportunity will before long come when there are masses on street, requesting occupations. Thus, we should consider better approaches to utilize increasingly more work as opposed to capital. For almost ten years now, Technology has been creating at a quick speed. New gadgets, applications, and games have been created, and online life is presently utilized by the world's organizations as well as brands to elevate items and to target customers. Technology is changing the manner in which organizations work and convey items to shoppers in numerous divisions. We have alerts that recognize toxic substances in our air, clinical hardware that can distinguish perilous conditions before they become an issue, or more intelligent PC programming to make controlling essential gear simpler than any time in recent memory. Technology has been an exceptionally powerful factor in the present current world. Technology, albeit great, has been influencing how individuals convey, yet in addition the manner in which they think or respond it has additionally changed how individuals compose, peruse and cooperate with others.

However, new advances and procedures are the primary main impetus behind monetary development and expanded expectations for everyday comforts. Monetary development is combined with innovative improvement to accomplish more noteworthy profitability from restricted assets. One of the aftereffects of the presentation of new advances is typically expanded mechanical efficiency. This has been one of the impulses for scale decreasing different ventures. The presentation of any Technology has different outcomes. These effects happen in the earth, to existing and future innovative turns of events, financial and social framework in which the new technology is implanted. The turn of events and dissemination of new advancements has been broadly considered. A few investigations have demonstrated that the presentation of trend setting technologies have brought about higher wages. Various financial specialists who have been resounded by government officials have raised worries on the negative effect of the presentation of mechanical developments. Battles that over the long haul normal market powers will bring the economy toward full business and in this way employments will be nor be made nor decimated as the consequence of technology move. The valuable elements of new Technology additionally result in uprooted labour with ranges of abilities that are not, at this point material. The effect of these removals must be moderated if cultural qualities are to be kept up. The retraining of labour with repetitive ranges of abilities is an objective. Numerous ventures typically don't embrace such retraining since the expenses are viewed as externalities. In any case, the rate of the presentation of new Technology may cause a greater number of representatives being uprooted than in earlier periods. Most of new innovative increases will be gradual. This suggests steady preparing may bear the cost of a way to hold important number of the workers alleviating monetary disturbances.

## 2. LITERATURE REVIEW

Cardullo, Mario & Ansal, Hacer, has stated that impacts occur in ecological to existing and future Financial related, social framework and Technology advancement in which new Technology is embed. New advances and procedures are the principle main impetus behind monetary development and expanded expectations for everyday comforts Technology itself builds yield and expands request, either by expanding efficiency or by the utilization of new items, i.e., development in the data Technology industry

Parry, Emma & Battista, Valentina has mentioned that to comprehend that Technology is fast development in the utilization of artificial intelligence and mechanical technology to robotize straightforward and monotonous tasks, for example, production line work and many back-office obligations. Mechanical progression is frequently connected with different changes inside the universe of work that may be encouraged by the Technology. Mechanical patterns are probably going to legitimately influence work, the work environment or the workforce; and the job of HR according to these progressions was in this way embraced.

### 3.IMPACT OF TECHNOLOGY ON FEW FUNCTIONAL AREAS NAMELY FINANCE, MARKETING AND HR:

#### I)Finance Scenario

Progressive financial services organizations are watching out for new Technology to improve productivity and speed of services, just as give better customer's experience. Exponential development in data technology has incited organizations to use digitization of banking technology to change the financial related services industry through customers experience the board. Financial services organizations can tap the capability of the cloud to make forms progressively straightforward and joint effort simpler. Developing innovatively is at the core of endeavours to serve customers better through customers experience the board. Adopting new financial Technology is, along these lines, basic for financial related services organizations to flourish.

Nowadays, organizations face extreme pressure to bring down expenses, smooth out procedures and improve esteem creation, and this has additionally become a prime focal point of account. Financial in every organization is unique, yet all play out a comparative capacity. The activity talked about in this paper structure the financial work, are technique and hazard, financing, the executives control, accounting and compliance. These are the centre activity that begin from organizational activity.

- 1) **Online Banking:** Banking was traditionally something that was done in the non-virtual world. Individuals would go into town to their bank to withdraw cash, transfer funds from one place then onto the next, and sort out their finances. A helpful staff members and connect with individuals in a physical structure. However, these sorts of premises are quickly getting excess. Internet banking is getting increasingly more complex regularly – we can transfer money or pay for goods with just the push of a button.
- 2) **Diversity for Every Accountant:** One of the most repulsive tasks for accountants is compiling and computing the information. However, with the headway of Technology, it has gotten simple for them to utilize various projects or programming answers for accumulate, oversee, share, and process information. For Example, MS Excel expectations can be utilized to ascertain things, and an accountant can use. MS Word to plan official reports or financial accounting statements. Comparative projects can be utilized for mass work. Finance are currently ready to deal with numerous and various tasks all the while and might be given better and progressively particular jobs relying upon their presentation.
- 3) **Safe and Better Customers Transaction**  
In most situation, financial companies need to offer particular types of assistance to their customers. For example, they may be approached to give an exhaustive stage to protected and make sure about exchanges, and they need to do it. On the off chance that you are an agent working in the monetary bookkeeping field for long, you will have a thought that the customer's financial data should be made sure about. In straightforward words, we can say that Technology has made it workable for financial organizations to permit their customers to process instalments or execute cash through sheltered and

secure modes. PayPal and Payoneer, for example, are being utilized the world over for this reason.

#### 4) Digital Transformation

Digital transformation has had a beneficial outcome on business activities in the financial business. It has prompted chances of quicker, financially savvy activities, fulfilling administrative time, improved representative and customers experience and staying serious. Thusly, it has now become a business procedure rather than technology system. At the point when you consider how far present day banking has come, you can see how DT has developed to profit everybody with more noteworthy accommodation and encounters. From its modest birthplaces of branch workplaces to ATMs and now portable applications, the advancement of banking has empowered computerized Technology to offer more noteworthy decision, comfort and experience. 2018 saw an advancement of computerized change slants in financial related services, some of which are featured underneath:

- a) **Original Agility:** Refers to an organization's successful reaction to interruption, gained from the last monetary emergency. Firms are seeing approaches to improve and bolster advancement however through effective methods.
- b) **Increased Collaboration:** An expanding number of industry-wide organizations embrace group structure as an operational model, underlining the need to work cooperatively and impart successfully. They should do this by working as indicated by guidelines and principles.
- c) **Risk Assessment:** Firms that place significance on enormous volumes of information relating to assortment, stockpiling and examination are in this manner improving their consistence the executives.

#### 5) Artificial Intelligence (AI)

Artificial intelligence assumes a crucial job for financial related establishments and charge card organizations in distinguishing and anticipating the chance of misrepresentation. The Technology is getting progressively useful so as to help the bank customers in making their life simpler and more secure. However, there is another side to the advantages of Artificial intelligence for monetary services; it can bolster firms in keeping in accordance with administrative and consistence changes. Additionally, from a customer point of view, Artificial intelligence can uncover fascinating perceptions and patterns with regards to customers conduct.

#### 6) Block chain Technology and Cryptocurrencies

The rise of advanced monetary forms or digital forms of Financial, for example, Bitcoin, has empowered customers to exploit quicker and less expensive approaches to do exchanges. Square chain, which empowers the presence of digital currencies, is seen as Technology with trust-building properties, limiting danger and human mistake – a perfect protections trade exchanging stage. It is viewed as one of the greatest advancements in monetary services and calculated advances that once broadly received will change the world.

#### 7) Digital Banking Solution

Previously, new customers were offered unconditional presents as a motivation when opening a ledger. We can say that despite everything applies today, in spite of the fact that this is currently in an elusive structure, in the method for a related assistance, for example, a versatile application offered with a bank or Visa, which, for example, permits

customers to cover tabs. In any case, computerized banking isn't just limited to online records. There are advanced banks which work online just with not very many or no structures or branches. Versatility has opened a totally different world with cell phones and progressively modern applications being presented, coming full circle in the vanishing of a important number of the customary structures and branches.

### 8) Financial Technology (FinTech)

Financial technology, all the more normally known as FinTech, alludes to the utilization of current Technology received by banks and Financial related organizations (just as the frameworks themselves) to improve conveyance of monetary services. It has developed from its initial beginnings as ATMs and MasterCard's to current technology. For example, advanced banks and block chain Technology. The universe of account as we probably am aware it is changing gratitude to FinTech through automated Technology and AI calculations. This is obvious in new advances, for example, customers care robotized chat-bots, and web based planning apparatuses and spending following.

## II) Marketing Scenario

The Technology that individuals use in their everyday lives is evolving. Marketers need to keep steady over those advances, so they can contact individuals on the gadgets they invest the most energy in. Tech is likewise changing the manner in which Marketer work together, cooperate and make procedures. There are numerous mechanical advances that have assumed in job in changing the showcasing business in the course of recent years. It's very different than it was only 15, 10 or even five years prior. Here are five advancements from the most recent five years that have had the greatest effect:

- i) **E-Commerce:** The main way in which e commerce will affect the economy, in general, is its impact on productivity and inflation. The proceeded with extension of electronic business could likewise prompt descending weight on expansion through expanded rivalry, cost investment funds and changes in dealers' evaluating conduct. The job of web based business in business is that electronic trade is synonymous with electronic business and includes the trading of merchandise and enterprises through electronic help. The quantity of electronic organizations has developed importantly since the Web was propelled.
- ii) **Big Data:** There are more ways than any other time in recent memory to gather information, and in some cases, it's troublesome even to comprehend how to manage everything. For Marketer, information can be amazingly valuable. It can reveal to you progressively about your customers, you're promoting efforts and your organizations. An ongoing report demonstrated that 44% of Marketer use experiences from enormous information to improve responsiveness. The present Technology makes it conceivable to find out about your customers than any time in recent memory. This implies you can target advertisements all the more precisely to them and even make altered promoting plans for focusing on them. Marketer can likewise utilize information investigation to assemble data on their battles. Progressively intensive information implies it's simpler to figure out what functions admirably and what doesn't and overhaul promoting plans in like manner.
- iii) **The Internet of Things:** One of the place where the entirety of this new information is originating from is known as the Web of Things. The Web of Things, or IoT, is the

developing assortment of web associated gadgets, which these days can be anything from vehicles to fridges to yard trimmers. At whatever point individuals use IoT gadgets, it makes the potential for Marketer to assemble data about their propensities, different preferences. Furthermore, the more associated gadgets somebody has, the more potential ways for Marketer to contact individuals. For example, in the event that somebody was looking for another pair of shoes on their PC, they could get an advertisement on their smartwatch about a shoe deal while they're in the shopping centre.

**iv) Impact on the Organisation:** From the organizational perspective, Technology has affected the capacity to gather and sort out promoting information, the channels the organization can use to arrive at customers, and the way toward creating various sorts and arrangements of publicizing resources. Organizations have more information, all the more promoting arrangements, and progressively online place to speak with shoppers (for example informal communities, online journals, web crawlers, YouTube recordings, and so on.). While thinking about the effect of Technology as a marketers, what's most important is keeping up a full extent of the pertinent alternatives and channels that can be used to speak with imminent and existing purchasers:

- Search motor outcomes
- Social systems (paid and natural)
- Banner promotions
- Sponsored online retail content
- Online audits and appraisals
- Blog posts and web improvement
- Online video content (paid and natural)
- Smartphone promotion positions
- Tablet promotion positions
- Social Media Promoting

Online life advertising alludes to the way toward picking up site traffic or consideration through internet based life locales. Web based life advertising includes utilizing peer proposals, building brand character, and tending to the market as a heterogeneous gathering of people. It additionally remarkably urges customers to make their own substance and buzz around an item. At the end of the day, programs generally focus on endeavours to make content that stands out and urges peruses to impart it to their informal organizations. Thus, this type of showcasing is driven by overhearing people's conversations; this implies it creates brings about earned media as opposed to paid media.

**v) Marketing Technology Trends:** The freshest patterns in showcasing depend nearby the utilization of new advancements. With the regularly expanding utilization of PDAs around the world – particularly PDAs – one of the more well-known current patterns is mobile marketing.

**vi) Mobile Marketing**

Mobile marketing is advertising on or with a cell phone. All the more explicitly, Marketer that use portable showcasing utilize intelligent remote media to give customers time and area delicate, customized data that advances products, services and thoughts – consequently creating an incentive for all partners.

### III) Human Resource Scenario

Human Resource Management (HRM) includes activities such as recruiting, training, developing and rewarding people in the organization. HRM must aim at attaining effectiveness in the field of HR by providing continuous educational and training programs for the personal and professional development of the workers in the organization. HRM must mainly be focused on the strategic objectives of the organization. These strategies must be led to integrate an IT strategic plan for the organization. These are activities related to any development in the technological systems of the entity, such as product design (research and development) and IT systems. Technology development is an important activity for the innovation process within the business, and may include acquired knowledge. However, all activities may have some technical content, and results in greater technological advancement. Information Technology may have a greater impact on organizations that exist in a dynamic environment. This will lead to greater efficiency and effectiveness of the Human Resources. Hence, utilizing IT application for database management and advances recruitment system will increase the efficiency of the business.

- a) **Effective Recruiting:** Nowadays, organizations have understood that viable enlisting is impossible without its utilization. Organizations presently use work entrances on the web to scan for the best possibility for the position. The procedure has been made successful with the utilization of the web the same number of individuals come to know about the offer and henceforth expands the likelihood of recruiting effective representatives. Managers can introduce all essential data identified with occupation, professions and self-improvement of every worker on gateways on the web. This is an incredible limited time device for the organization. Right now, Emissary has created Asana, an IT instrument for selecting that investigations subtleties down to where a potential up-and-comer's high need esteems are. The HR IT devices help recruit the best potential as well as hold it.
- b) **Data Management and critical analysis:** Data management becomes simpler when IT is utilized and it becomes without paper. A large number of the dreary work is not, at this point manual. This expands the proficiency of the work and its adequacy. Organizational execution can prompt the opportune achievement of the business whether in a steady or a flimsy domain. Occupations that don't offer a lot of assortment in their exhibition and are of a profoundly dull nature are disdained by representatives and in the end brings about low maintenance or diminished adequacy. Representative's exhibition information can be fundamentally dissected by the HR IT instruments all the more regularly if it's on the web and turns out to be promptly available to everybody. For example, Benefits has as of late built up a HR IT device, which has made Identification totally paperless. The device is further progressive system delicate and pings the chief for endorsement once it is submitted. In this manner letting an individual dispose of the issue of filling the desk work. Accordingly by building up this HR IT device, benefits has helped Identification fundamentally streamline and deal with its HR inner procedures.
- c) **Inventory management tools and human resource management:** Entrepreneurs with business sharpness portray that the exhibition of an organization can be made progressively successful and effective by customers closeness, operational

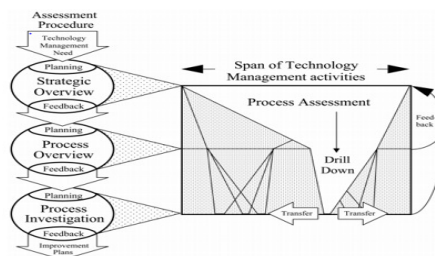


productivity, and driving edge. Customer needs should be met by customization and by giving exceptional customers occurrences. For this reason, organizations use HR IT apparatuses to give an all-inclusive arrangement of items and enhance the business by giving improved items and services.

**d) Cost-reduction and efficiency:** Considerable benefit can be obtained as various reports can be made using IT tools. Xerox wanted to save its resources and make them easier to manage. Xerox then implemented Plan Source's benefits system and ACA compliance technology with their payroll provider and now all their benefits are in one place and easy to access. This lead to cost reduction and efficient and work processes. Johnson, Scholes and Whittington have rightly said, "Poor performance might be the result of an inappropriate configuration for the situation or inconsistency between structure, processes, and relationships." Organizational performance can be increased by implementing management by objectives and using a participative style of management through Human Resource Information Technology tools. The management of an organization is accountable to the owners of the business for the performance and the achievements of the organization.

#### IV) Operation Scenario

The impact of technology as a source of competitive advantage for manufacturing industries is widely accepted by practitioners, governments and academics. In order to realise this competitive advantage, it is vital to understand both the specific technologies, and the ways in which organisations can best manage technology. These issues are of increasing importance as the pace of technology development and its complexity increase. Exploitation of technologies to generate profit, or other benefits. Protection of knowledge and expertise embedded in products and manufacturing systems. Process overview, where recent, current and future activities are charted for selected technology-business segments. These activities are characterised in terms of the Gregory five-process framework, and assessed in terms of the effectiveness of inputs, process and outputs. Identification of strengths and potential weaknesses enables specific process areas to be identified for more detailed analysis. Process investigation, where specific process areas are mapped in detail, in order to identify areas of good practice, together with barriers and problems, and areas for possible improvement.



**Figure 1. Gregory process framework**

Figure 1 shows how the vital and procedure outline stages can each bring about a few zones for appraisal in more detail. In this way, numerous appraisal courses are conceivable, as explicit Technology the executive's forms are analysed. Hence, cautious arranging is

required at each phase to choose fitting territories for additional appraisal. Input meetings after every workshop connect operational and vital perspectives, and empower the exchange of fitting outcomes to other Technology and business regions. The Technology the board procedure evaluation approach was created over a time of two years, as depicted by Paterson et al. 1997. The technique was then tried inside a scope of organizations in various industry areas over a time of one year.

**i) Strategic Overview:** The principle component of the vital review phase of the Technology the executive's evaluation was a three-hour encouraged workshop. Members included ranking directors answerable for item improvement, supply forms, advertising, and quality and Technology zones.

**ii) Production Management:** Industry improved in three parts of creation sources of info, yields and items can be examined this implies any organization can improve the effectiveness of creation inputs, improve creation forms by lessening expenses and time or increment item quality in a superior spot, One of the approaches to improve the assembling procedure in this setting is the utilization of proper apparatuses. Research results by Malaysia relies upon progress factors for little and medium organizations indicated that expanding the limit of the executives and coordination, making of business culture, judicious financial related services, giving excellent items and viable projects for human asset advancement can be compelling of the organization's prosperity factors in worldwide rivalry. The capacity to data and encourage various types of electronic correspondence between the human and the electronic framework.

## V) IT Scenario

The world is fast entering the Information Age. Transactions and information may be packaged through data. There is a disintegration of the concrete to give way to what is abstract and digital. The digital and information for that matter are equally shaping and determining the contemporary world. The business risk for a certain organization engaged in technologically dependent business is normally greater than for one that is not. Information technology is defined by different scholars. The role of information technology in entrepreneurship has been studied in some parts of the world. Many factors have been identified as being associated with entrepreneurship. For, example, entrepreneurial individuals combine many personality traits - innovativeness, risk taking, pro-activeness in the sense of doing what is necessary to realize their ideas combined with shouldering responsibility for success or failure. IT systems affect a firm's products and services, markets, product cost, and product differentiation. Thus, the success of innovative firms critically depends on the implementation and creative use of IT.

**a) Transformation of the Indian IT Industry through the Decades:** This exceptional change has mostly come to fruition because of the committed exertion of huge number of youthful experts and the pioneers of the Indian IT Industry, for example, NR Narayana Murthy and Nandan Nilekani of Infosys, Azim Premji of Wipro, and the stalwarts in TCS or Goodbye Consultancy Services and other driving IT firms. For sure, these and different pioneers of IT Industry were instrumental in initiating the product insurgency when the worldwide headwinds were positive to the extent the ability of Western firms to

redistribute their IT and Programming necessities were worried just as because of the promptly available pool of gifted and talented just as qualified base of Designers. While the previous was identified with the globalization of the world economy and the attending readiness of the force first class in the West to look Eastbound, the last was chiefly because of the profound base of taught Indians who, on account of the endeavors of pioneers, for example, Nehru who arrangement the IITs (Indian Establishments of Technology) and the RECs (Local Building Schools) had the option to be prepared in world class instructive organizations. Further, the Indian IT Industry likewise profited by the union of globalization and the opening up of the Indian Economy to such an extent that it very well may be said that the pioneers of the Indian IT Industry were "in the ideal spot at the perfect time" to exploit the worldwide unavoidable trends.

- b) Storm Clouds on the Horizon and Turbulence Ahead:** The requirement for a Quantum Jump having said that, as of late, the Indian IT Industry is being hit with disturbance basically by virtue of the changing worldwide financial and political scene just as to the genuine part of the Business arriving at an immersion point in its plans of action and the idea of its work. Also, the Indian IT Industry is yet to take the following "Quantum Jump" into higher worth including work in zones, for example, computer based intelligence or Computerized reasoning, Distributed computing, and Mechanical autonomy and this is the motivation behind why there are a few stresses over the future bearings of the business. As the US under President Trump and the Assembled Realm after Brexit, start to search internally, odds are that Indian IT firms would need to reconsider their plan of action of on location and seaward work since the previous requires Visas for their representatives which are getting hard to get a hold of. Additionally, with the worldwide economy yet to recuperate completely from the Worldwide Financial related Emergency of 2008, it is likewise the situation that Western firms would like to not re-appropriate their tasks. Adding to this is the genuine rivalry from other low pay nations, for example, Philippines and China which are endeavouring to reproduce the minimal effort, lower esteem including work that numerous Indian IT firms spend important time in.
- c) The Need for moving up the Value Chain:** This implies Indian IT firms need to climb the worth chain and not stall out previously. Aside from this, world over, numerous organizations are going to cloud and Light-footed procedures to deal with their applications and this lessens the requirement for broad work by huge groups of coders and upkeep and bolster specialists and rather, what is required are a little and adaptable just as profoundly light-footed pool of specialists who can be fungible in their ranges of abilities and methods of working. Hence, Advanced and the new methods of work imply that Indian IT Firms are progressing to the New Worldview, however, not as easily or frictionless as conceived and this is the purpose behind the cutbacks and the staff redundancies in the main Indian IT organizations.
- d) Impact of Cultural Factors and the Way Ahead:** As the previous conversation featured, the ideal opportunity for change is currently and regardless of the chances, numerous specialists accept that Indian IT Firms have "the stuff inside them" to attempt this Change in perspective. However, there is another stressing pattern that has showed itself as of late and this is the genuine part of Social Elements assuming an outsize job undoubtedly. For sure, the Indian IT Industry has for quite some time been cosmopolitan and liberal in its social direction and it is as of late, that a few specialists have seen the

expanding limitation taking over from the up to this point worldwide viewpoint of the segment. While the bread and butter of the Indian IT Industry would keep on being globalized work, the equivalent can't be said of the inside standpoint which can be absolutely neighbourhood in direction. In spite of the fact that this is a worldwide pattern as clarified before, one must be mindful about mirroring it in India as any work that is accomplished for a worldwide customers should likewise be finished with such direction. To finish up, the Indian IT Industry has progressed importantly from the underlying long stretches of its commencement and it is trusted that it would likewise address the new difficulties head on and rise as a pioneer once more.

#### 4. TECHNOLOGICAL DISRUPTION ON EMPLOYMENT

Technology modification has without doubt wedged the quantity, manner and things in all workplaces. For those that were curious to understand how technology is destroying jobs? Need to take into account the actual fact that technology has at the same time created new jobs for individuals that were maintaining the pace with it. However many of us these days, believe that the technological impact on employment is destroying jobs instead of making them. The impact of technology on our life is assimilating quickly. This technology growth has raised the priority that it will replace varied jobs of the unskilled workforce that don't seem to be a lot of aware with the recent technological changes. So, to stay updated with technology the operating workforce ought to have a lot of flexibility in work and be a long learner. However not everybody is reluctant to vary thus new technology encompasses a nice impact on native job opportunities and this is:

- Computers are switching most of the blue collar jobs by creating worry of loss of employment.

- **Impact of technological modification on labour:** the utilization of the machine will increase the potency and performance by eliminating human errors and risk issue. This destroys jobs for unskilled labour.

- **Inability to adapt changes:** Technology and unemployment are 2 sides of the same coin, if one isn't able to deal with the technology modification then there is an equal likelihood for the other side to face the loss of job.

- **The speed of technology development:** The pace of technological advancement is so forceful that it's unable for staff to stay track of it.

- Income difference is increasing quickly.

#### 5. CONCLUSION

For people who are still unsure whether technology will replace jobs? Actually, the beginning of the commercial revolution was assumed as negative impact of technology on employment that has swapped away the task of labour however, current advancement of electronics and artificial intelligence are set to bring identical technological modification that's destroying jobs for unskilled labours and at identical time increasing the demand for experienced employees and experience.

So this is often time to do technological jobs i.e. to be at the forefront of technology and innovation. The technology is dynamic with time and currently it's our probability to choose whether or not we need to stay with today or want to alter with the time.

## REFERENCES

- [1] Hecker, D.E., *Employment Impact of Electronic Business*, *Monthly Labor Review* May, (2001), pp.3–16.
- [2] Brynjolfsson, E., and L.M. Hitt, "Beyond Computation: Information Technology, Organizational Transformation and Business Performance", *Journal of Economic Perspectives*, Vol.14, Issue 4, (2000), pp. 23–48.
- [3] Cardullo, Mario & Ansal, Hacer, *Impact of technology on employment*, *Air Medical Journal*, (1997), pp.45-48.
- [4] Parry, Emma & Battista, Valentina, *The Impact of emerging technologies on work: a review of the evidence and implications for the human resource function*, *Emerald Open Research*, Vol.1, Issue 5, (2019).
- [5] <https://www.indibrain.com/article/538/impact-of-technology-on-jobs>
- [6] <https://www.mckinsey.com/featuredinsights/employment-and-growth/technology-jobs-and-the-future-of-work>
- [7] <http://il4syrians.org/impact-of-technology-on-employment-%26-unemployment>
- [8] [https://www.researchgate.net/publication/3709726\\_Impact\\_of\\_technology\\_on\\_employment](https://www.researchgate.net/publication/3709726_Impact_of_technology_on_employment)
- [9] <https://smallbusiness.chron.com/positive-negative-technology-training-impacts-employee-37082.html>
- [10] <https://smallbusiness.chron.com/technology-affect-work-environment-today-27299.html>
- [11] <https://insideim.com/impact-technology-jobs>
- [12] <https://www.omicsonline.org/open-access/the-impact-of-information-technology-on-job-related-factors-lik-ehealth-and-safety-job-satisfaction-performance-productivity-andwo-2167-0234-00171.php?aid=69309>
- [13] <https://www.hcltech.com/technology-qa/what-is-the-impact-of-technology-on-financial-services#:~:text=The%20of%20smart%20analytic,a%20key%20challenge%20for%20organizations>
- [14] <https://pdfs.semanticscholar.org/69b4/2e4924960b1dbcfd69232b2b1f5c27966cca.pdf>
- [15] <https://www.simplifile.com/marketing-blog/the-impact-of-digital-transformation-in-the-finance-industry>
- [16] <https://www.wns.com/insights/articles/articledetail/687/the-impact-of-digital-on-the-finance-landscape>
- [17] <https://www.digitallrtech.com/digital-hr-case-studies/>
- [18] <https://www.profilesasiapacific.com/hr-blog/page/3/>