

Tackling COVID-19 from Technological Advancement

Dayasagar^{1,*}

Abstract

In the universe, it has changed day-to-day exercises; something as simple as a walk in the garden is perceived very differently now. The same is valid for business. Various business houses have closed down or changed to oblige a social distancing. New way of consumer and worker behavior and expectations have emerged during the first week of the crisis. Corona-virus addresses a giant monetary shock and weight. Lately, the center has started to move towards approaches to address its wellbeing and risks while obliging a suitable degree of monetary action. Organizations have truly defeated this kind of challenge through the presentation of hazard alleviating advancements, which in this pandemic incorporate innovations, strategic policies, and techniques that further develop client and representative wellbeing by relieving the risk of disease. Different instances of this in the past have been less limit, yet incorporate, for instance, clinical gadget headway created in light of an ascent in purchaser consciousness of radiation risk. We as of late investigated this model, what imparts a fundamental business reaction to the pandemic. An expansion in risk judgement makes buyers more willing to pay for security highlights, which, thusly, gives makers more noteworthy motivations to create and market advances that address shopper's requests for wellbeing. In this interaction, firms have a chance to reconsider their choices. They can put resources into new just as racked advances and item plans that are especially powerful in relieving risk and further developing wellbeing-in any event, when they are at first substandard as far as expenses, ease of use, or other quality measurements.

Keywords: Corona virus, Innovations, Upgradation in technology during COVID, AI and Movement in the direction of digital world, Advancement in Research & Technology.

INTRODUCTION

Everything was moving along as planned; our daily life was on routine track. 2020 was also sprouts like some other day until we could leaped into our deadly future. A rapid virus started its journey from the city of Wuhan (China) that quickly attacked with affirmed cases in numerous nations. The infection showed the manifestations of weakness, throat infection, fever and so forth afterward travel related transmission seen in different nations, which raised the circumstance of worldwide wellbeing

crisis. Infection spread quickly across the nations causing passings and injury all throughout the planet. Progressively, it ran wild as it began spreading by contaminated people and surface contact; an ever-increasing number of individuals went into isolate. The indications progressed to respiratory ailment and lung disappointment. Individually nations began closing themselves from public spots to worldwide and homegrown vehicle, schools, universities, cafés, courts, shopping centers, gyms, salons, everything was cleared. The infection extended uncontrollably all through the globe that people had to sit home.

*Author for Correspondence

Dayasagar
E-mail: daya.mba@gmail.com

¹Assistant Professor, Department of Business Administration,
Government First Grade College for Women, Kalaburagi,
Karnataka, India

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Lockdown forced in every one of the nations it was a crisis convention, which kept individuals leaving their region. Circumstances of pandemic was made individuals lead their life by innovation; all began telecommuting through video calls and VC (video conference) from their house itself. From the areas of corporate to legal executive, everybody was doing work on the internet through innovation. Schooling and adapting likewise occurred through online stages. Advanced innovation has acquired new developments testing time. A significant number of us have been now utilizing telephones, computerized media and other fake contraptions in our everyday lives, except during the present situation of pandemic, innovation has acquired a heavy importance to us. In the period of lock-down, everyone restricted himself or herself, not to go out and started managing their daily job, yet innovation changed the nature of job even simpler & adaptable. The position of economy in the nations isn't hauling to most noticeably the pathetic situations in upcoming age of innovation. Numerous corporate-houses are started their race in web, confirming their transactions or entries though online.

Microsoft teams, google meets and zoom meet. Training was additionally not in much difficulty because of these platforms. On the highest peak, many emotional well-being applications are assisting with controlling uneasiness and stress. Numerous applications have been made to follow the wellbeing and circumstance of COVID-19. The heaviest interest at any point on schedule, has been the increment sought after of computer games, web based plays. They all discovering place in each house. From this it is possible that we would fail to remember our #1 web-based media and internet web-based features like Amazon Prime, Netflix? These overhauled advances became the life savors for this challenging situation. These all combined superior not particularly to proficient yet close to home lives as well.

Innovation

Different areas have seen gigantic development after Coronavirus breakdown. Coronavirus has significantly changed the way we live and work. It has changed the manner in which business used to run before. After episode of this pandemic and lockdown in different nations, there has been number of organizations which have moved from disconnected mode to online mode. The most extreme influenced organizations were those which arrived behind schedule through disconnected mode and where the progress from disconnected to online is preposterous. The majority of the organizations today are attempting to go online where this progress is conceivable. It is said that 'Need is the mother, all things considered'; organizations are coming out with inventive approaches to develop and dominate.

The organizations which have acquired the most incorporate OTT (Over The Top) stages, for example, Netflix, Amazon Prime, Hotstar and so forth Motion pictures are being delivered straightforwardly on these stages now, which were prior delivered on theaters and multiplexes. Lockdown has constrained film, to down shades in the wake of pandemic. For entertainment world to maintain its business, it should deliver motion pictures on OTT stage. OTT stage is thriving though multiplexes are tumbling a result of the pandemic.

Different organizations which blast are the internet business organizations, for example, flipkart, amazon, and basic food item online grocery stores like grofers, huge bin and so on as individuals presently normally like to purchase online as opposed to going to the market as a preparatory and security measure. This is prompting expansion in deals of internet business organizations. This web based business blast is influencing disconnected retail locations. Dependence has dispatched its online store JioMart in wake of this, exploiting amazing luck. Videoconferencing stages, for example, MsTeams, Zoom, Google Meet, Webex and so on are helping individuals and organizations to stay associated and telecommute during lockdown. Education Technology companies such as Amity Future Academy, Byjus, Vedantu, Coursera, Udemy and so on are making online teaching differently and attractive. We are genuinely turning into a Computerized World after the coming of Coronavirus. This paper investigates the innovative patterns during Coronavirus pandemic.

Epidemics and pandemics have established the world since ages. From H1N1, Ebola, SARS we have been figuring out how to foster ourselves more with the appearance of every flare-up. Innovation couldn't disappear the circumstances however could help in its spreading, engaging and cautioning individuals. There was an expansion in the interest of hand sanitizers and masks, which prompted colossal lack of the both. In this way, to battle the deficiency new, Programmed masks Machines' fabricated covers which were 40% less expensive than imported masks. Rudhaar an exceptionally minimal expense ventilator was dispatched together, by the group of researchers and specialists in India. Actually like Rudhaar, Jeeva Setu ventilator by REVA College was an advancement. An Indian Naval force specialist fostered an exceptionally minimal expense PPE unit "NavRakshak". These PPE kits are made of breathable texture and could be utilized in sweltering and sticky climate conditions. Remote thermometers which recognizes the temperature inside some distance without really contacting individuals are being seen at workplaces, air terminals, medical clinics, railroad stations and at other swarmed places. Advancement of mechanical innovation in medical services framework, organizations and so on is a stage forward to battle with the infection. There is no stop in the utilization of innovation and development in the difficult circumstance of pandemic. This innovative headway has made us reach to the far superior conditions, which would not have been conceivable without information science.

Review of Literature

(Mihalios Kritikos, 2020) of the Scientific Foresight Unit (STOA) "Analysed exhaustively how ten distinctive mechanical areas are assisting with battling against the pandemic infection through innovative applications. It reveals insight into the principle legitimate and administrative difficulties and on the key socio-moral problems that the different employments of these advancements present when applied in a general wellbeing crisis setting like the Coronavirus pandemic" [1].

(Veena Shenoy, Sheetal Mahendher, 2020) "Have discovered that innovation reception has made the unrest in Indian advanced education. The greater part of the advanced education in Bangalore has broadly received the innovation and students" inclusion is more than the standard class commitment" [2].

(GEETIKA SACHDEV, 2020) "Has talked about that OTT stages are encountering skyscraper in their demand. A new report made by Nielsen found that during the lockdown, there was 60% ascent in measure of content individuals consumed. Moreover, as indicated by KPMG report, OTT utilization in India could begin seeing a shift from the portable screen to the huge television screen "attributable to the lockdown impact with broadband web". This Coronavirus circumstance carried everybody to Work from home (WFH). Every one of the workers from significant areas are adjusting to this procedure. Individuals think that its difficult to telecommute" [3].

(P and Shahid, 2020) "Research depends on the experience of individuals doing WFH. They inferred that the workplace is a key factor that permits individuals to work. The readiness relies on the work space. One of the significant normal elements is family. A few representatives couldn't work when their youngsters and other relatives are near. In this way, remembering factors, the businesses should set up a controlled and strong climate for the representatives to make them willing to take care of job from home to get the best result from workers. Aside from the significant areas like the travel industry, assembling and so on, the most affected area during Coronavirus is the education area. Studies are in a confused state that what, when, and how to study" [4].

(Daniel, 2020) "Gave an answer for this issue i.e., Asynchronous strategy of learning. The examination done by him shows a positive reaction as this technique is straightforward for far off instructing. There are numerous institutions, for example, India's National Institute of Open Schooling and The UK Open University, who had effectively begun utilizing this procedure during the COVID-19 pandemic. Organizations, educators, and students should utilize more adaptable and creative procedures to recuperate the misfortune done by Coronavirus" [5].

(Mohammad Bani Younes, Samer AlZoubi Feb 2015) “Examined the effect of innovation on society, the cutting edge innovation have cleaned the social and good duties among the general public prompting family and individual issues, medical problems like weight gain, idleness, lack of desire to work, expansion in brutality and crime percentage” [6].

RESEARCH METHODOLOGY

The objective of the research is to know the developing patterns in innovation, its significance in Challenging and troublesome situations. The research is exclusively based Secondary (*articles, journals, blogs, and previous reports*) data. Occupations and gender and was driven to Indian nationals. The survey completely showed that technology *has become the absolute way of combating the situation of pandemic since 2019*. From entertainment platforms like Netflix, amazon prime to work and e-learning, individuals are reliant upon new advancements and innovative technology.

Findings

While battling the novel COVID, new technology and innovative developments have evolved. Nations across globe are progressing with technological outcomes. With a large portion of the world's workforce particularly the white collar workers are working from home, students are joining to online class, health and legal executive are having roundtable meetings while sitting at home, fundamentals are being conveyed at home, entertainment media is boosting their profit. All gratitude to the new tech world, which upheld our lives from the novel COVID. It wasn't possible at the time of epidemics in past as there was no social media, no online gateways and even no smart phones, just low speed web and other technological appliances, still tech helped that time in detecting and fighting against the situation. We somewhere blessed with the innovations around us, which are helping us in making lemonade from the lemons.

Teaching Note

Target group

Business houses, Student community.

Learning Objectives

Technological advancement, how to get adapted soon with all gazettes by the business houses and student community and making use of technological advancement in this pandemic to survive in the field.

Questions for Discussion

More dependence on technological instrument and its pros and cons, its reachability to the rural areas, and what is the percentage of beneficiaries from this technical advancement in the Pandemic of COVID-19.

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