

The Function and Responsibility of Management Technology in Sustainable Improvement

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ABSTRACT

Technology has enveloped us to a great extent in everyday life. We can succeed in a system of economic growth and the presence of a sustainable technology to make everyday life more comfortable. And also, the development of a country is based on the economy. Economy and technology play an important role in this world, whether it is a factory or a large company. Business-based economics and technology-based advances can see growth in a country. Technology has to change as every business manages to increase its economy and adapt to the growth of the country. With the help of a tool in technology, we are able to detect new changes and changes in business management and technology. Therefore, through this circular we know very accurately the changes in the technology of business management for a sustainable economic growth.

Keywords: Function & Responsibility, Sustainable Technology, Management Economic Improvement

1. WHAT IS TECHNOLOGY?

Technology is a pool of ideas or information committed to producing apparatus, handing out actions and drawing out materials. The term “Technology” is extensive and each one has their own means of perceptive the sense of technology. While skill know- how is used to get done various errands in day by day life, it can be described as merchandise, steps towards enhancing organizational performance. Technology is used to enlarge human abilities, and that makes populace as the most vital part of every technical structure (Ramey, 2013).

2. FUNCTIONS AND RESPONSIBILITY OF MANAGEMENT TECHNOLOGY

Administration know-how consists of a wide array of hardware and software created to boost managers' routine in their headstone affairs. Since skill expertise is custom-made to serve the affairs of executive, the routine of expertise can be delineating as alike: communication (or chiefing), scheduling, supervising and have power over all behavior. Accepting skill expertise can boost each affair is key to using know-how effectively to gain competitive recompense.

However, typical advantages gained in the work place due to Technology is also viewed with certain three Functions and Responsibility of Management Technology Francis (1998) that are noted as follows;

1. Functions & Responsibilities of know-how on scheduling administration
2. Functions & Responsibilities of Management Accounting
3. Transformational Management Function & Responsibilities

ADVANTAGES OF TECHNOLOGICAL EXPERTISE IN THE PLACE OF WORK

Technological know-how accord commercial enterprises to maneuver expeditiously with profound impact like increasing profit levels, quick expansions, efficient planning and leveraging the operations etc. Technological know – how of various businesses like video conferencing, social networks and virtual office Technology has aloof place of work restrictions that previously restrict business extension. The importance of technological know - how in the place of work is explicit and noted with specificity comprising the following value additions for the organizations (Scott, 2011 and Hackbert, 2010).

1. Improved Communication capacities
2. Development of Human Capital
3. Efficiency in Operations
4. Possibility of enhanced mobility options in work process
5. Innovativeness and Creativity scope in work process
6. Time saving in work process

3. DEMONSTRATION OF TECHNOLOGY HANDLING

There is an absurd reliance on technology to embark upon natural effects far and extensive in the present day, due to a practically all all-encompassing hesitant by governments and the folks who cheer them to make the communal and policy-making changes that would be vital to decrease expansion underway and deployment. Nevertheless the sorts of technological improvements that ought to be important to stay aware of and check the developing ecological harm brought about by increments underway and exploitation would need to be authentically emotional. The technological fixes of the past won't do. Furthermore, the inquiry vestiges may like emotional and essential upgrade of our perfunctory model occur not including causing significant social changes and will it happen not including a reevaluating of opinionated needs? Technology isn't self-ruling of social order either in its constitution or its belongings.

At the center of the debate about adequate support development is the fact that mechanical change, although it is achievable, can only be achieved through mechanical change. The topic is whether the impact of economic growth can be adequately mitigated to ensure that other types of changes are not needed.

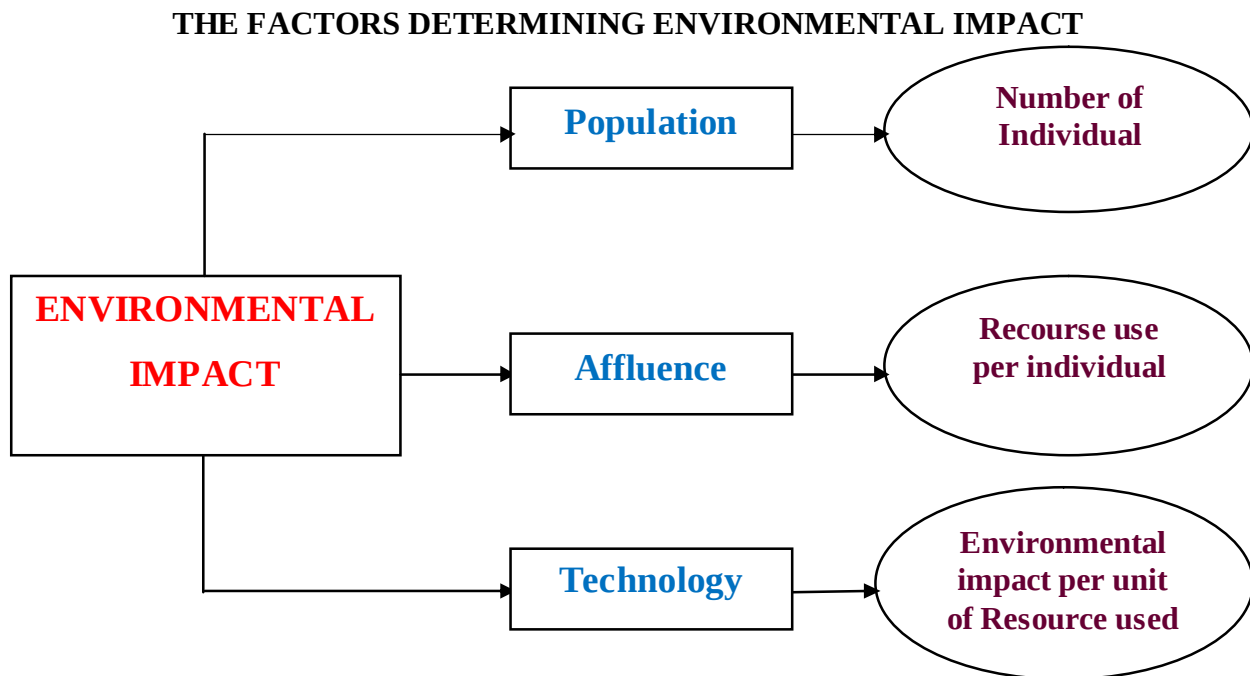


FIG 1

Reasonable improvement strategies try to change the idea of monetary development instead of cutoff. It is introduced at the conviction so as to nonstop progress in a restricted globe is conceivable all the way through the factors of innovation, that empower us to find out new-fangled sources or bestow options if a specific asset appear, by all accounts, to be beetling out. Something else, innovation will assist us with utilizing and reuse what we have left in the most effective way. The policy of feasible advancement monetary documents, authoritative actions and purchaser insistencies are planned for achieving novel commutes, for instance, reusing, ravage minimization, exchange of materials, distorted formation forms, manage pollution and progressively valuable use of assets.

4. GREEN TECHNOLOGY AS TOOL TO SUSTAINABLE IMPROVEMENT IN THE GLOBAL MARKETPLACE

Vitality generation has expanded, for the most part with the assistance of technological advancement. Enhancements in technology are frequently trailed by an ascent being used, as found in the fame of green technology. Interests in sustainable power source have gone up significantly, with 2014 seeing \$270 billion in ventures around the world.

Worldwide organizations see present day technology as a viable apparatus in adjusting their business destinations to maintainability objectives. H&M and Puma's choice to collaborate for a material to-material reusing technology is a piece of their business system planning to incorporate maintainable practices into corporate activities. The technologies structure is

propelled by the roundabout economy model. By reusing and re purpose old or unacceptable items, organizations assistance lessens the weight put on the store network. Such technological improvement changes the manner in which organizations lead business.

Green technological know - how change from those dependent on long-existing learning to novel improvements. Sometimes, the best arrangements are those dependent on long-existing information and recently refreshed with ongoing innovations. With costs for sun based boards and wind turbines proceeding to drop, these conventional types of feasible technology are getting new life from associations that work to expand their proficiency through consistent advancement.

5. APT TECHNOLOGICAL EXPERTISE IS A LIFELESS MOVEMENT?

Endeavors to concoct and plan various sorts of technology that fit with common frameworks are not newfangled. The proper technological expertise development which bloomed during the 70s endeavored for this. Proper technological knowhow has been characterized because "technology custom fitted to fit the psychosocial and biophysical setting winning in a specific area and period". It was structured not to rule environment yet to congruity amid it.

Proper technological knowhow includes endeavoring in the direction of guarantee with the intention of improvement are integral to the setting of their utilization equally the natural philosophy setting which assesses wellbeing, atmosphere, biodiversity and biology, technology oriented in management and socio -psychological setting which incorporates societal foundations, legislative issues, ethnicity, financial matters, morals and the individual/otherworldly requirements of people.

In the middle 1970s, the proper innovation development extended from its underlying spotlight on low-pay nations to think the issues in mechanized high-pay nations. Promoters of proper innovation were worried about social just as ecological issues.

Robin Clarke separated between the suitable innovation reaction and the 'mechanical fix' reactions to natural issues. For instance, he portrayed the mechanical fix reaction to contamination as "illuminate contamination with contamination control innovation"; the suitable innovation reaction, rather, is developing non-dirtying advancements. Likewise, the mechanical fix reaction to misuse of normal assets was to utilize assets all the more astutely; the fitting innovation reaction was to plan advancements that lone utilized sustainable assets.

The appropriate technology movement has been going for over twenty years in several countries, and nowadays involves an intensive network of organizations, comes and field experiments, AND an identifiable literature of its own. Despite this, it's did not influence the pattern of technology alternative exercised by thought society. Kelvin Willoughby (1990), a America scholar has studied this movement, points out that it's:

Accomplished a humbly amazing reputation of effective activities which loan weight to the development's cases. In spite of these realities, be that as it may, together with the intrigue and conventional nature of the improvements center thoughts, the improvement has generally neglected to bring out the change of modern and technological practice in most nations as per the standards of Appropriate technology. As it were, while turning into a critical worldwide

improvement Apt technological know - how has stayed a marginal subject inside know-how strategy along with function.

6. WHY SUBSTITUTE TECHNOLOGIES ARE NOT EMBRACED

Not every single mechanical choice and options are created or investigated. In spite of the fact that this is frequently in light of the fact that choices are progressively costly or less practical, there are regularly different reasons, as well. Indeed, even today numerous organizations are not actualizing advances gone for squander decrease and minimization, in spite of their accessibility and plausible cost investment funds. The hesitance of numerous designers to take up elective advancements can be clarified halfway as far as innovative ideal models. A term acquired from Thomas Kuhn (1970) who hypothesized in 1962 so as to knowledge advances through times of 'typical discipline,' which works inside logical worldview, mixed amid times from 'logical upsets'.

A few authors have applied the idea of a worldview to mechanical improvement. Edward Constant (1984) contended that the standard work of architects and technologists, which he called 'ordinary innovation', includes the 'expansion, explanation or gradual improvement' of existing advances. A mechanical worldview or 'custom', Constant stated, is bought in to by specialists and experts who offer basic instructive and work experience foundations.

Giovanni Dosi (1982) Described a technological paradigm as an 'outlook,' a collection of procedures, a description of relevant issues and specific knowledge related to their solution.' Such a paradigm, said Dosi, represents clear recommendations on which to pursue technical directions and ensures which engineers and organizations for which they operate are blind to other technological possibilities. Nel's Richard: Thus, technology advancement will in general pursue certain bearings, or directions that are controlled by the building calling and others (see Figure 2). Thoughts are created on the off chance that they fit the worldview; else, they will in general be overlooked by the standard designers, the greater part of the calling. A mannequin is the advancement of sewerage designing. The scope of methods for treating sewage is confined by a dust remedy worldview that take delivery of that sewage will be conveyed in channels to unified areas shut to conduits. Treatment is grouped into three phases essential, elective and tertiary, which amplify upon every other. The important stage is to expel a element of the solids from the sewage; the subsequent stage is to damage down the sewage; and the 0.33 stage either evacuates extra solids or deteriorates the sewage further. Any new innovation can also be thinking of or created in the tournament that it can healthy inner this framework.

FACTORS THAT HOLD BACK THE DIRECTION OF A TECHNOLOGICAL ROUTE

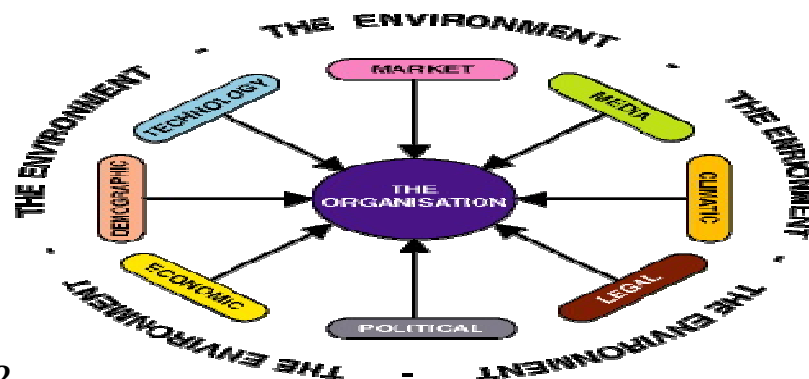


FIG 2

By and large, technological know-how exchange is non-stop and takes place inner mechanical standards. Radical mechanical development is regularly contradicted through firms as a result of the social changes that may also need to go with it for instance, changes to the work and aptitudes of representatives, to the manner in which advent is sorted out, and to the connections between a company and its clients and suppliers. Dutch researcher Johan Schot (1992) contends that radical technological alternate can perchance occur if the social setting moreover changes.

Due to the hesitance of governments to act against business interests, enactment and financial instruments are only from time to time intense enough to cultivate innovative difference in the sort required for natural supportability. Albeit such guideline would most likely reinforce business over the long haul, representatives consider solid to be mediation as an encroachment on their self-governance. Ahmad and Iqbal (2009) contends that specialists are upheld in this in light of the fact that there stays a solid open conviction "that the choices that figure out what is delivered and by what technological methods should stay in private, corporate hands."

Balachandran and Rajmohan (2016) have contended that the vast majority in the proper technology improvement disregarded the topic of how they would get the individuals who were focused on conventional advances to acknowledge the new suitable advances. They accepted that if their advancements apparently were better not just regarding their natural advantages yet in addition as far as sound building, frugality and benefit, they would be acknowledged.

Champ says that fitting technology was for the most part observed as a method for affecting change without testing the set up command arrangement of western social orders. This permitted a feeling of good faith that had been deficient in the positions of the individuals who were discontent with the heading and estimations of the social orders they lived in. They accepted that, as the new advances got on, social change would pursue:

As profitable grass-roots endeavors spread, these engaged with comparative activities have been relied upon to preserve in contact with one every other and begin framing little networks, gradually reshaping society through a creating conglomeration of little scale social and specialised changes. Radical social trade would get on like expendable diapers or some other prominent purchaser thing.

Not all promoters of elective advances left out the social and political measurements, be that as it may. Panneerselvam and Rajmohan (2016) perceived the troubles that would be skilled by way of those proposing extensively a range of types of science when he proposed the name impractical technology'. He stated that he utilized the word 'impractical' in light of the reality that an non-obligatory technology could "just be correctly utilized on a big scale as soon as an elective kind of society had been made".

In any case, a significant number of the backers of fitting technologies made no endeavor to see how present day advances had been created and why they had been acknowledged or why options had been disposed of Victor guarantees that "all things considered the greater part of those dynamic in the field were eager to continue as though history and existing institutional specialized substances basically didn't make a difference".

It is tremendous not to put an excess of accentuation on mechanical factors barring questioning about the social, political and financial aspects that can be critical in the forming and usage of advancements. It seems that these sticking their expectations on technological know-how to bring to us a maintainable future likely ought to be doing likewise. Having the science way to decrease infection and to make certain nature doesn't imply that it will naturally be utilized.

7. CONCLUSION

Practical improvement depends on mechanical change to accomplish its points yet will governments make the intense strides that are required to drive radical mechanical advancement as opposed to the technology fixes that have been obvious to date? Such measures would require a long haul see and a readiness to hold up under momentary financial expenses while industry rearranges.

Regardless of whether cleaner technology can be actualized will the decreases in contamination be sufficient? Cramer and Zegveld (1991) contend that they won't, if generation keeps on developing. Giving the case of their own nation, where the buying intensity of the normal individual is required to increment by 70 percent continuously 2010, they contend that "a fantastic decrease in release levels and waste streams per item unit would need to be acknowledged to accomplish the point of a practical society". They accept this isn't sensible. Over this, creation would want to construct multiple instances if each person on the planet had been to stay at a comparable way of existence as the individuals who live in affluent countries. They guarantee that the enchancement of each advent and uninhibitedly extra money would want to be limited if infection stages are to be diminished.

No doubt inasmuch as sensible advancement is limited to negligible ease changes that do not require worth changes, institutional adjustments or any form of radical social alteration, the earth will preserve on being debased. Except if tremendous exchange happens, the current age will most in all likelihood be unable to pass on a related load of ecological merchandise to the human beings to come. "Right off the bat, the paces of loss of creature and plant species, arable land, water quality, tropical woods and social legacy are mainly genuine. Also, and possibly greater widely perceived, is the way that we won't pass on to future a while the ozone layer or worldwide ecosystem framework that the current age acquired. The impact of intending with populace enchancement and the ecological consequences if rising models of material income around the globe produce similar sorts of utilization designs that are everyday for the as of now industrialized countries.

Regardless of whether humans put their confidence in the capability of human inventiveness as technological know-how to have the option to store their ways of lifestyles and assurance a constantly expanding diploma of utilization for everybody, they can not neglect the want to replace our mechanical frameworks as a substitute of maintain on applying science fixes that are solely from time to time palatable in the lengthy haul. Mechanical true belief doesn't get away from the requirement for critical social trade and a go in needs. That used to be the slip-up numerous in the Appropriate Technology Movement made. It takes more than the presence of appropriate or smooth developments to warranty their a long way reaching appropriation.

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