

Need of an Architect

Maya NR

School of Architecture, Vellore Institute of Technology, Vellore 632014
mayan.r2018@vitstudent.ac.in

Abstract:

From the following article one could come to know the need of an architect. It's all about the innovation and technologies required for an architect. This is really useful for an upcoming architect.

Keywords:- Technology, Creative, Innovation, Architecture, Software.

INTRODUCTION

Innovation leads to progress. Innovation is something that can bring up new ideas which suits the era. It is really required to be different from everyone that is to stand out from the crowd. Innovation is something that is from things that exists already but exploring it in a different way. Not only innovation technology is also another important factor for an architect. Technology is a prime need to develop our innovation. Ideas without resources is not really helpful, thus it is so much important. It develops our idea. It is actually an to support architects. New technologies enable us to face the challenges in the present time. It is something that help us to express our ideas in a practical form. There are so many software's that is available for architects. The usage of sketchup software helps the user easier to make 3d design. Revit is another software that helps in 2d,3d projects and it gives a realistic view. Autocad helps in drafting and creating design. V-Ray is a software best for realistic visualization. Photoshop is one other worshipful for producing high quality image that is used for touchups. InDesign is a software that helps creating layouts from booklets representation sheets. Act Cad professional is a software used to bring 2d and 3d complex designs. Archi CAD is useful for interior and planning. Allplan architecture is an object oriented 3d design software for the complete building process. Chief architecture is a 3d architectural home design software for all the builders, designers and

architects. But still there is nothing more simpler than doing hand drawing which is a much essential quality of an architect. Hence there is no barrier for the flow of our ideas.

LITERARY SURVEY

[1] The main cause for innovation is the thought of changing the economic crisis. It is the prime contributor to the persistence of global poverty. The increasing technology, vibrant entrepreneurship and rapid growth of markets has paved way for innovations. Things like nanotechnology and microelectronics acts as aid for innovation. The main intention of innovation is to reflect the demand of poor consumers. [2] Innovation is involved in the control of chronic disease also. There are innovation like applications which widely help both the patient and the clinician. Thus so many new innovations followed. [3] Innovation has led to competition. Innovation is actually the key to growth and change. But innovators face problems at different levels. The managing of the innovation for profit is a complex subject. It help innovators capture value from innovation. This makes them to think about the strategy more expansively. [4] There is a need of every organization to become more innovative to face the competitive marketing world. Creative, strategic and transformational thinking are the seeds of innovation. There are so many steps involved in the innovation process. Creativity is something that resists in everyone. Strategic thinking is the way to

add value to creativity where it is best for the organisation. [5] Every society has free and controlled resources. Free resources can be used freely but the other one needs the permission of someone.[6] Some architects gained worldwide attention because of them associate with innovative building designs. Local labour markets provide the talented innovative workers for urban megaprojects. Thus there is innovation in every step. [7] Recent innovation in literature has thought of a new idea where innovative organisation would be collaborated. There are innovation cycles which are organised through generation standards. [8]Koolhas has worked a lot in the field of architecture . His works are strongly ordered by trajectories of movement through the building.He was inspired by the concept of liberation. There is always something interesting in his work. He adopted the spatial ideology. His work is very innovative. [9] Enhancing the innovation ability in organization is the most important one to increase its growth and profit. There are many studies that underwent. The studies say us that top innovators have well defined architecture. They move on to the next level. Innovation is the only thing that keep them in pace with the fast developing world. [10] In earlier times they worked so much on the redesigns of the internet architecture . The main aim was to make internet function for the needs. Thus internet which supports the architectural innovation is promoted.

FINDINGS

Innovation is the most important topic that should be considered in most of the fields. Architecture is one such department where innovation is much required. It can promote the industry to the next level. Innovation has led to competition between forms. Innovation is actually the key to growth and change. A new approach is needed for every field at any time. Strategic thinking is one thing that helps us to be more innovative. We could list our many architects who are well known for innovation. Koolhas is one such architect who thought differently and came up with trajectories in the movement in his works. The growth and profit of an

organization mainly resists in innovation. Innovation is something that pushes and makes us move to the next step. The world is fast growing and thus at least to be in track with it we must be innovative. Innovation in architecture is must to be more productive and effective.

RECOMMENDATION AND CONCLUSION

Architecture is a very creative field where they could think in all degrees. It is a field which is presently required for the nation. It helps in improving the economy of a country. The innovation is the only aid that would help an architect to improve his quality. Innovation in every aspect aid him. Technology is also one such innovation which help architects widely. Technology is something that makes things easy and saves our time. Hand drawing of buildings and stuffs may take a lot of time and effort but with the help of technology we could make it easy. They are easily available and corrects according to our comments. Technology is something that acts as other hand for an architect. Innovation and technology are the most important need for an architect. It has become the basic necessity for architecture. The things whatever we do should be sustainable. Our future generations should explore more practically.

REFERENCE

- [1] Chataway, J., Hanlin, R., &Kaplinsky, R. (2014). Inclusive innovation: an architecture for policy development. *Innovation and Development*, 4(1), 33-54.
- [2] Estrin, D., & Sim, I. (2010). Open mHealth architecture: an engine for health care innovation. *Science*, 330(6005), 759-760.
- [3] Pisano, G. P., & Teece, D. J. (2007). How to capture value from innovation: Shaping intellectual property and industry architecture. *California management review*, 50(1), 278-296.
- [4] Dundon, E. (2002). The seeds of innovation. American Management Association.
- [5] Lessig, L. (2002). The architecture of innovation. *Duke Law Journal*, 51(6), 1783-1801.

- [6] Faulconbridge, J. R. (2010). Global architects: learning and innovation through communities and constellations of practice. *Environment and Planning A*, 42(12), 2842-2858.y
- [7] Andersson, M., Lindgren, R., &Henfridsson, O. (2008). Architectural knowledge in inter-organizational IT innovation. *The Journal of Strategic Information Systems*, 17(1), 19-38.
- [8] Dovey, K., & Dickson, S. (2002). Architecture and freedom? Programmatic innovation in the work of Koolhaas/OMA. *Journal of Architectural Education*, 56(1), 5-13.
- [9] Dobni, C. B. (2010). Achieving synergy between strategy and innovation: The key to value creation. *International journal of business science and applied management*, 5(1), 48-58
- [10] Fasbinder, D. J. (2010). Innovation for restorative treatment. *CompendContinEduc Dent*, 31, 2-
- [11] ShanmugaSundari, P., Subaji, M., &Karthikeyan, J. (2017). A survey on effective similarity search models and techniques for big data processing in healthcare system. *Research Journal of Pharmacy and Technology*, 10(8), 2677-2684.
- [12] Karthikeyan, J., &Rajasekaran, W. C. Role of English teachers in enhancing research thoughts among the Engineering students in the ESL classroom. *Trends and Innovation in Language Teaching*, 93.
- [13] Michael Raj, J., &Karthikeyan, J. (2018). Increasing pressure on indian students in core mechanical engineering and other branches of studies. *International Journal of Mechanical Engineering and Technology*, 9(8), 1135-1140.