



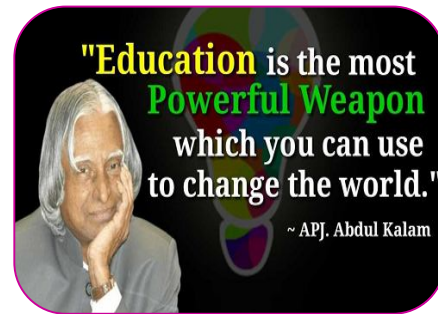
## REVIEW OF RESEARCH



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### DR. APJ ABDUL KALAM'S VISION ABOUT EDUCATION

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#### ABSTRACT

*Dr. APJ Abdul Kalam, the incredible Missile Man, had a dream for India. Vision 2020 was a report arranged under the authority of Dr. Abdul Kalam to turn into a created country. During his administration period, he discussed two central matters: Education and Information Technology. Dr Abdul Kalam composes that training is the most significant component for development and thriving of a country. He composes that we ought to activate fundamental assets for giving training to the under favored individuals. Dr. kalam professed to be an instructor directly from the earliest starting point of his vocation. He expounds on characteristics of instructor. He accepts that understudies ought to pose inquiries to instructors. He advocates aptitude based instruction and furthermore innovation improved training. He accepts that there is have to make a virtual college and virtual study halls in India. He is of the view that instruction framework must be structured such that produce enormous number of work generators and just not business searchers.*

*Dr. Kalam is a handy instructive mastermind and visionary who represents coordinating old and present day instructive beliefs for the improvement of a decent Indian culture. Being a top researcher of universal notoriety, his immediate commitment to the progression of science and innovation is one of a kind and estimable. His academic research distributions, articles, books and so on have opened new roads for research and concentrates in the zone of air transportation, ballistics, and metallurgy.*

*Dr Kalam lays incredible accentuation on instruction. He accepts that the educators, especially teachers, have colossal obligation in forming the life of a person. Adolescence is the establishment stone whereupon stands the whole life structure. He expresses that the seeds planted in youth bloom into the tree of life. He solidly accepts that the instruction framework ought to have the option to hold the grins of kids. He further expresses that the instruction framework has an enormous obligation to change a kid into a pioneer the change from "What would you be able to accomplish for me?" to "What would i be able to accomplish for you?" He accepts that appropriate training would help support a feeling of pride and sense of pride among the understudies. He keeps up that the reason for instructing is to make country building limits in the understudies and these abilities are gotten from learning, training, possess involvement and worth framework acquired through human advancement.*

**KEYWORDS:** *Dr. APJ Abdul Kalam, educator, understudies, virtual, schools, colleges, innovation, expertise based instruction.*

1. Introduction An uncommon character with whom none can be looked at ( Upadhyay,S.R.,2013), conventional individual as a president (Garch, Jasvinder,2013), incredible researcher and motivation for many Indians (Obama, Barack,2012), extraordinary researcher and an astute states man ( Putin, Bladimir, 2012) , these are musings about Dr. Avul Pakir Jinaaldeen Abdul Kalam normally alluded as Dr. Abdul Kalam, known as the rocket man of India for his commitments to ISRO ( Indian Scientific Research Organization), was additionally one of the most loved leaders of Indian children. Much the same as Pandit Jawahar Lal Nehru, Kalam venerated kids and motivated in them a streak to accomplish brilliance. He spent a ton of his presidential residency (2002-2007) visiting instructive foundations and collaborating with the young people of India. In a meeting Dr. APJ Abdul Kalam said that " When I took over as president, I considered the constitution, and the more I examined it, the more I understood that it doesn't keep the leader of India from giving the country a dream in parliament and in authoritative gatherings; everybody invited it, independent of gathering affiliations." The unassuming president, decorated with Bharat Ratna, was an extraordinary researcher and a rousing head. He picked up notoriety for spurring youngsters for logical interests, accordingly turning into a good example and furthermore winning the title 'People groups President'. His life typified basic living and stupendous reasoning. He composed the book 'India 2020' to demonstrate the young a dream of created India by 2020.

2. Mission of Education Dr. Abdul Kalam composes that Education is the most significant component for development and thriving of a country. India is in this procedure of changing itself into a created country by 2020. However we have 350 million individuals who need proficiency and a lot more that need to procure employable aptitudes to suit the rising current India and the globe.

3. Inequality of Access to Educational Resources It is basic that we illuminate and make across the board consciousness of instruction among all segments of society especially in rustic zones and among the urban poor. We should utilize innovation for this significant social reason. It is feasible for NGOs, other social and generous establishments and the media to concentrate on this region of making mindfulness. We ought to likewise assemble important assets for giving instruction to the oppressed individuals

4. Thoughts About Teachers Dr. APJ Abdul Kalam was an immense backer of training as the essential power of self-improvement. He accepted that it was learning that made an individual incredible. Notwithstanding the scope of titles he had earned in his lifetime, the visionary liked to consider himself an educator. In an occasion at the Delhi Secretariat, within the sight of Delhi's Chief Minister, Dr Kalam professed to be an educator directly from the earliest starting point of his vocation.

Mishra, Ajay composes that Dr. Abdul Klam is one of the Greatest Teacher India has ever observed. As per Dr. APJ Abdul Kalam , an instructor must have following four characteristics: 1. Instructor should love educating . An educator must have energy about give his/her insight. 2. Educator ought to energize question from understudies. Instructor should give them a chance to think past their reasoning. 3. Educator puts the understudy ahead. 4. Educator make weight on the understudy to investigate possess abilities.

5. About Students Dr. APJ Abdul Kalam composes that" My message, particularly to youngsters is to have fortitude to think in an unexpected way, fearlessness to concoct, to venture to every part of the sudden way, mental fortitude to find the inconceivable and to vanquish the issues and succeed. These are incredible characteristics that they should move in the direction of. This is my message to the youngsters."

Dr. Abdul Kalam accepts that understudies ought to pose inquiries to instructors since it is one of the significant qualities of an understudy. Dr. Abdul Kalam weights on speculation by understudies. He says that reasoning is advance. Non believing is stagnation of the individual, association and the nation. Thinking prompts activity. Learning without activity is pointless and unimportant. Information with activity, changes over misfortune into flourishing. He further composes that reasoning ought to turn into understudy's capital resource, regardless of whatever good and bad times understudy's gone over in their life. Dr. Abdul Kalam accepts that everybody ought to have Dreams. He composes

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"Dream, Dream  
 Dream change into contemplations  
 What's more, considerations bring about activity."

He passes on the message that fantasy, considerations and activity are bury related. He composes that fantasy isn't what you see while dozing it is something that does not allow you to rest.

Dr. Abdul Kalam accepts that essential focal point of the understudies ought to be to exceed expectations in their examinations. This is their first commitment to the improvement of the country. The instruction framework ought to impart in the psyches of understudies limits of request, inventiveness, innovation, pioneering and moral administration. On the off chance that we create in the entirety of our understudies these five limits, we will deliver " Autonomous Learner" a self guided, self controlled, long lasting student, who will have the ability to both regard expert and simultaneously is equipped for addressing specialist, in a suitable way.

6. Skill based Education Dr. Abdul Kalam accepts that our instruction framework requires certain changes, both as far as soul and reasonableness of the information conferred. In his discourse at the Delhi Secretariat he stressed on the consideration of expertise based instruction at the school level. At the occasion in Delhi Dr. Kalam stated, "When the understudies go out of senior optional schools, they ought to have two authentications of passing 10+2 assessment and a particular aptitude gained by him during tutoring.

As indicated by him, other than the ordinary educational program the kids ought to get exceptional preparing towards one range of abilities which will offer an additional accreditation which won't just assistance them find a new line of work after school yet in addition make them mindful of the how certifiable businesses work. To Deal with the infrastructural costs he explained on portable arrangement comprising of designing labs on wheels which can cover numerous schools in multi day.

7. Technology Enhanced Education Constraints of reality together with the fast outdated nature of information in certain zones of science and innovation have made a colossal interest for various courses from various organizations out there mode. There is a requirement for a working advanced library framework that by itself can, over the long haul, give the sort of access required for a learning Society. Dr. Abdul Kalam (2005), composes that libraries should be digitized and the books ought to be accessible flawlessly over the colleges and separation learning programs for all inclusive access. He further composes " When an understudy wants to peruse a specific book, the individual could be given online access. Tele-instruction programming can be a significant apparatus for the computerized library.

8. Virtual classrooms Dr. Abdul Kalam (2005) composes that with the development in data innovation, separation training projects would now be able to have virtual study halls. The understudies would not just be latently listening , there would likewise be extension for communication and posing inquiry by having two-path availability between the educator and the instructed. As well as can be expected be taken to the understudies, regardless of physical separation.

Innovation Enhanced Learning is an answer. It endeavors to misuse the fast advancements in Information and Communication Technology. As the correspondences transfer speed keeps on expanding and the expense of PC power keeps on dropping, Technology Enhanced Learning will turn into a financially suitable arrangement. Virtual study halls of things to come will have understudies from numerous areas instructed by a group of topographically appropriated educators through the tele-training conveyance framework.

9. Virtual University Dr. Abdul Kalam (2005), composes that there is have to make a virtual college in India. This should be possible through systems administration of the considerable number of colleges of India. This would make it workable for all the organized colleges to pool their assets and give understudies a superior instruction than they could oversee without anyone else. Dr.Abdul Kalam proposes following assignments for virtual univetsity:

- Virtual university will go about as a focal center point of all colleges which are arranged.
- Identify

specialists of national/worldwide prominence in specific regions. • Coordinate, sort out, timetable and communicate the address of experts at once helpful to all members. • Record the live transmission of the address with communication subtleties in a databank for simple access by members for survey learning. • Digitize all the college libraries and make it accessible for consistent access by every one of the colleges. • Provide for addresses, research center, learning, and the library, all through the Internet.

### KALAM'S AIMS OF EDUCATION-

As indicated by Dr. Kalam training framework ought to hold the grins of kids. This can occur if the instruction framework is made innovative all through and full work is given to all. Dr. Kalam records the fundamental points of instruction are as per the following:-

1. To form certainty among kids to confront what's to come
2. To edify and enable natives to contribute towards solid country building
3. To form character and to develop human qualities in understudies
4. To urge inventiveness and to create logical mentality with profound establishment
5. To create limit with respect to research and enquiry among understudies.
6. To unfurl advancing forces and business enterprise
7. To create moral authority
8. To make the nation vitality autonomous
9. To build up the feeling of poise, sense of pride and independence among understudies

### Some Thoughts of A P J Abdul Kalam Regarding Education-

Dr Kalam accepts that training is the mainstay of a created and ground-breaking nation, and furthermore the most significant component for development and thriving. He believes that training is the most significant territory of the administration division as it gives the required information and expertise to do any work. A portion of his instructive considerations are:-

- a. **Curriculum:** Dr Kalam keeps up that the curriculum and schedule ought to be organized in such a way, that it should meet the changing societal and word related needs, and instill high virtues among the understudies notwithstanding learning aptitudes. Dr Kalam has struck a harmony among science and mysticism in his instructive way of thinking, which he accepts is basic, and proposed that educational program must incorporate the lessons and encounters of our prominent and incredible pioneers.
- b. **Schools :** In his instructive way of thinking, Dr Kalam has likewise laid due accentuation on schools. He advocates that there is a pressing requirement for each school to have fundamental enhancements, for example, great structure furnished with ventilated, lit, vaporous and roomy homerooms, safe drinking water, clean toilets and play areas. Fixing the obligation regarding the equivalent, he further expresses that it is the duty of the supporting association to see that their schools keep up essential least standards both in scholastics just as in giving physical offices on their grounds. Certain security highlights must be worked in school structures without which it ought not be conceivable to get alliance for these schools.
- c. **Children:** Children are our most noteworthy riches. Every kid conceived in the country permitted to bloom. It is especially imperative to give additional consideration and offices to the kids including the individuals who are not blessed to have their families to take care of them. This respectable administration ought to be advanced by all people and government associations, prompting the improvement of illuminated natives who will end up being an advantage for national advancement.
- d. **Imparting moral values:** The correct sort of instruction on virtues will update the general public and the nation. After each tyke is sustained during the early years with adoration and fondness and when he achieves a school-going age he needs worth based instruction. The prime learning time frame for a kid is from six to seventeen years old. Thus, the school hours for youngsters are the best condition and mission-arranged learning with worth based instructive framework.
- e. **Teacher :** Dr Kalam has given a great spot to educators in his instructive way of thinking. He has illuminated the job of instructors, different characteristics of educators and educator understudy

relationship. Dr Kalam accepts that educators have enormous duty in molding the life of an individual and their incredible mission ought to be to touch off the psyches of the youthful. Dr Kalam understands that these touched off brains of the youthful are the most dominant asset on the earth, over the earth and under the earth. He envisions that the job of an educator resembles the famous 'stepping stool' which is utilized by everybody to ascend throughout everyday life, gave the stepping stool remains in its place.

- f. **Capacity to Use High-End Technology:** All understudies ought to figure out how to utilize the most recent advances for helping their learning procedure. Colleges ought to outfit themselves with satisfactory registering gear, lab hardware, and web offices and give a situation to the understudies to upgrade their learning capacity. Amidst all the mechanical developments and insurgencies we can't feel that the jobs of the instructors will. Actually, the educator will turn out to be much increasingly significant and the entire universe of instruction will move toward becoming instructor helped as innovation would help in tele-porting the best instructor to each alcove and corner of the nation to engender learning.

## CONCLUSION

Mishra, Ajay (2015), composes that "Awesome considerations of Dr. Abdul Kalam are an extraordinary understanding for everybody. It is pertinent and to be trailed by instructors, business visionary, coaches, corporate tutors and pioneers, by any individual who is tutoring and showing somebody or a group to go past points of confinement and make enormity." Dr. Abdul kalam discussed two central matters: Education and Information Technology. At the present time, India is truly investigating these two fields where business is likewise expanding. So our instruction just as Information innovation is developing at a gigantic rate. Kalam's fantasy will be satisfied very soon and the adolescent are assuming a fundamental job in creating India. Thus, it tends to be inferred that the substance of Dr. Kalam's own understanding, his life, his instructive way of thinking and his instructive considerations are a fortune, qualified to be controlled, contemplated profoundly and actualized. He is the main president-who has a great deal of adoration for youngsters and feels that the eventual fate of India lies in them. The present youthful understudies need the instruction framework to nourish and challenge their inventive and innovative personalities. Instructive organizations need to year up to advance an educational program that is touchy to the social and mechanical needs of a Developed India.

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