

Topic : The neglect of enhancing intellectual ability in our education system.

Outline

1. Introduction

Thesis Statement : The education system in Pakistan has neglected the enhancement of student's intellectual ability through rote learning and old learning styles. This has caused the loss of young, innovative minds. Methods like STEM and pictorial learning are urgently required to save the next generation from losing their intellectual ability.

2. Why enhancement of intellectual ability is necessary for a country.

3. How is enhancing intellectual ability being neglected

- a. The curriculum is not updated : students only learn through old pictures and diagrams
- b. Teachers present the preprepared lecture and consider only presenting their responsibility.
- c. Students are given pre-prepared question answers for exams
- d. Marks are given based on how much the student can cram.
- e. Students who try to use their intellectual ability are just ignored in class.
- f. The discussion done by students in class is considered noise and asked to remain silent
- g. Students only take higher education in the subjects that can give them financial security.

4. Negative impact of neglecting intellectual ability on country.

- a. Government want intellectual minds for the country

Which they usually don't get.

- b. Weak mindset : Following the path ~~we~~ where everyone leads.
- c. Students' minds never grow and rely on help from mentors and seniors.
- d. The industries whose requirements are young mind never get what they want.
- e. No new ideas of development from young generation.
- f. Stunted growth of students' intellectual ability for all his life.

5 Ways through which intellectual ability can be enhanced in our education system.

- a. Integrating STEM approaches for intellectual growth.
- b. Pictorial learning : Students must be asked to make opinions according to pictures.
- c. Teachers must include and motivate students to participate in class.
- d. Exams must be opinion based instead of cramming.

6. Conclusion.

Essay :

"Education is not the learning of facts, but the training of the mind to think" (Albert Einstein). This debunks the importance of education to compel the minds to think. However, in Pakistan, educational institutions often suppress student's intellectual ability.

Enhancing intellectual ability is important for an individual to reach their complete potential in life. Several ways constitute the neglect of intellectual ability in Pakistan. Students are mostly given pre-prepared notes and then exams are conducted and marked based on those. This has caused the students to do rote learning instead of actually learning about the topic. When it comes to classrooms, the question-answer session is often ignored and students' discussions are considered as noise. All these add up to negative consequences on students' lives and the country. The government and industries need intellectual minds which they often don't get due to these issues. The neglect of intellectual ability in early years also causes the shunted intellectual ability for all of individual life. These individuals have a weak mindset and follow the path of their mentors only. To enhance the intellectual ability of our students, it is necessary to make some changes in our educational systems. Pictorial learning and approaches like STEM must be included in institutions. Moreover, the exams require more opinion based than cramming based. Teachers should also motivate students to participate actively in classroom discussions. The educational system in Pakistan has neglected the enhancement of student's intellectual ability through rote learning and old learning styles. This has caused the loss of young, innovative minds. Methods like STEM and pictorial learning are urgently required to save the next generation from losing their intellectual ability.

Intellectual ability is necessary for an individual to create new ideas and solutions to problems. Every child is born with a unique intellectual ability. It is educational and social institutions that compel them to either use or suppress this ability. The individuals with strong intellectual ability are more focused on their work and bring positive changes to the society. This is the basic need for the growth of the country in terms of economy, science and technology. In developing countries, the new business ideas are solely based on the intellectual abilities of the individuals. If this ability is suppressed, the society continuously follows the path of its forefathers and no development is gained from them for the country. Moreover, it is only intellectual minds that help the country to get through the challenges such as climate change mitigation, water issues and sustainable economic development. Hence a country must enhance the intellectual ability of its individuals through educational and social institutions.

Although intellectual ability is ~~ne~~ necessary for the development of a country, there are several ways through which the enhancement of intellectual ability is ignored in Pakistan. The curriculum of the country's education system is not updated since decades. The syllabus of computer still hasn't updated and only old softwares such as DOS are taught in the schools. The old curriculum teaching causes the students to only learn the topic instead of applying it in their daily life. This causes the loss of intellectual

ability of the students. "The quality of education is often compromised by an over reliance on rote memorization rather than critical thinking or problem solving skills, and that curricula across schools lack alignment with modern needs." (Sohail Rao, The State of K-12 Education in Pakistan, 2025). Hence, the old curriculum plays a major role in the suppression of intellectual ability of individuals.

Alongside the old curriculum, the outdated teaching style of teachers is also responsible for the suppression of intellectual ability. Teachers present the pre-prepared lecture during classes with little to no discussion with the students. They consider only delivering the lecture their responsibility and often neglect whether the student is able to grasp the idea or not. Moreover, teachers only present slideshows presentations in class and focus on reading them instead of teaching to the students. As a result, students move to vague youtube channels and incompetent tuition center to clear their doubts which ultimately hinder their intellectual ability. Hence, the desire of enhancing intellectual ability is often suppressed by the teachers.

Along with the outdated teaching styles, the exam-taking methods are also responsible. Exams are usually based on the notes provided by teachers, which do not encourage students to use their intellectual ability. This only increases their cramming skills instead of their intellectual ability. The process makes students in daily life also to find prepared answers for their

life problems. The issue of ~~it~~ was also highlighted by the Inter Board Organization of Pakistan ~~as~~ ~~several~~ several times. The assessment systems are often criticized for encouraging rote learning rather than promoting critical thinking and analytical skills. (IBCC, Model Assessment Framework, 2024) This shows that the exam-taking method of Pakistan also encourage rote learning rather than enhancing analytical skills.

As exams are taken from the pre-prepared notes marks are also given on the basis of cramming of these notes. The student who cram the notes more efficiently than the other students is most likely to take highest score in the class. This causes the student to stop thinking and only cram the notes throughout their academic life. This issue is several times discussed by educators and education policy makers as "those students who engage in cramming tend to get higher or better exam marks, notwithstanding that such learning is methods are superficial." (Fizah Ali, Cramming, Distraction, time management and procrastination among medical students 2024). Thus, the marking methods in exam restricts students intellectual growth.

Other than the examination system, the classroom structure and lesson delivering also impact the intellectual ability of the students. The students who use intellectual ability and try to think about the new ways to discuss and approach the topic are often ignored by the teachers. This issue causes

the students to suppress their analytical skills to get the love of the teacher and to feel included in the class. For instance, students who try to give additional points regarding a point are usually marked as "ill-mannered" by the teachers in Pakistan. This activity have resulted in the suppression of thousands of individuals in the country.

Not only the students intellectual ability is ignored but also the discussion among the students regarding the topic is prohibited. Classroom discussions are considered as noise and the teachers mostly ask them to be quiet throughout the lecture. This discussion may promote the students to come-up with new ideas regarding the lesson but it is neglected in Pakistan. Silencing discussions also creates a passive learning environment where students rely only on teachers instead of becoming active learners. For instance when students are forced to stay quiet, they only listen and memorize rather than analyze or question, which weakens their intellectual growth. Therefore class discussions play a major role in enhancing intellectual ability of individuals.

Apart ~~for~~ from the classroom structure, the choice of career and higher education subjects also impact the intellectual ability of students. In Pakistan students only take the subjects on the basis of the financial security they give in the future. They completely ignore their personal interests and only run behind money. This causes the students not to have

interest in what they learn which in turn causes to lose their intellectual ability. Therefore, ~~if~~ the subject selection also plays a major role in the enhancement of intellectual ability which is often not the case of Pakistan.

All these causes sum up to negative impacts on the country. The government of Pakistan needs intellectual minds which may give ideas ~~in~~ for the development of the country. The individuals with lack of intellectual ability do not participate in policy making for the issues of the country such as climate change mitigation and economic development. The State Bank of Pakistan reported that "only 10% of the IT graduates in Pakistan are employable, due to weakness in technical and soft skills such as critical thinking and problem solving." (State Bank of Pakistan, SBP report, 2023). This implies how the loss of intellectual ability in students has caused an issue for the government of Pakistan.

In addition to the issue for government in ~~the~~ policy making and problem solving, lack of intellectual ability also causes the individuals to follow the path where every one leads. This issue can cause the propagation of a propaganda in Pakistan very easily. ~~The~~ People do not check the ~~sub~~ credibility of the individuals they follow and only listen to them as they are solely correct. ~~This~~ For instance, the favourite influence

of individuals on ~~ist~~ instagram can easily manip
manipulate them into any thing either it be
shopping or a political propaganda. The individuals
with lack of intellectual ability will lead towards them
without using their own analytical skills for the
analysis of the problem. Hence, the neglegance of
~~en~~ enhancement of intellectual ability cause the loss
of a country in major ways.

As individuals only follow where everyone
leads, students minds never grow and always wait
for the guidance of their seniors and mentors. This
become a problem when the country need new
ideas to mitigate the issues. The new minds only
wait for the mentors and seniors to give them
guidance and hence no new ideas are created.
For instance, when it comes to policy making for
the country, the policy making new minds only
wait for the ideas from the seniors and this
lack of input only create old traditional policies.
which ~~are of no~~ cannot ~~as~~ create new drastic
results. Hence, the lack of intellectual ability cause
the individuals to only become the students of
their mentors for the rest of their lives.

As the intellectual ability of individuals
is not enhanced, the industries of Pakistan also donot
get what they desire. The industries need intellectual
minds whose entrepreneurship and analytical skills can
help the industries to grow. However, in case of Pakistan,
industries suffer in talent acquisition as most of the

candidates lack these skills. This issue has been raised several times by the IT industry. According to the Pakistan IT industry association "even though many IT graduates are produced annually, participating companies reported serious gap: only a small ~~portion~~ proportion are suitable for ~~big~~ hiring and many lack the skills industry demands (Pakistan IT industry Association, The Great Divide: Industry Academia Skill Gap, 2022). Hence the loss of intellectual ability also has negative effects on industrial sector of the country.

Apart from industrial sector, the loss of intellectual ability among the youth results in a lack of new ideas for the development of Pakistan. ~~When young~~ lack of intellectual innovation ~~also~~ reduces the country's competitiveness in the global market. For instance, countries like China and South Korea advanced rapidly because their youth contributed for the ground-breaking ideas for the development of the country. This shows that the countries only ~~prof~~ prosper when the individuals possess intellectual ability and use them for the development of new ideas for the country.

The loss of intellectual ability is not only important for the ~~per~~ country but also for the personal growth of the individuals. Individuals who lack the intellectual ability also don't grow in their personal lives. The Pakistani educational system negligence causes the loss of intellectual ability for all his life. This

makes the individuals puppets and lack of new ideas and problem solving skill for all the life. ~~The~~ For instance, instead of becoming innovators or leaders, ~~the~~ these individuals remain dependent on others for solutions, which limits their social and economic mobility. Therefore once intellectual ability is stunted, it can restrict a person's growth and achievements for their entire life.

The intellectual ability of students in Pakistan can be enhanced by integrating approaches like STEM in the educational system. STEM learning is a multidisciplinary approach that integrates Science, Technology, Engineering and Mathematics to provide students with real world problem solving skills and critical thinking. Approaches like STEM from a very early years of education help students to enhance their intellectual ability. For instance, robotics and coding workshop are given in many developed countries which help students to apply scientific concepts in real life and participate in the development of tech-sector of the country. In the same way, Pakistan should also integrate STEM learning from the early years of education to the graduation level.

Along with STEM learning, pictorial learning methods also play a role in enhancing intellectual ability. Pictures regarding the topic must be included in the text book and also in the teachers lectures. In this way students will be

able to imagine what they are studying about. Moreover, this method will also help students from the low income areas and villages to understand the new technologies, through which they can understand the topic more effectively. In addition to this using mind ~~map~~ maps and brainstorming charts will also help students to connect to the topic more conveniently. Hence, it is necessary to add pictorial learning techniques through text books and teaching lectures in Pakistan.

In addition to pictorial learning, teachers must also motivate students to participate in class. Class participation help promote intellectual growth as it encourages students to actively engage in learning rather than remain passive learners. Teachers must be trained for delivering a lecture involving students and answering students questions. Moreover, only reading presentation slides in classroom must be banned. Discussions for instance, on social issues or scientific topic needs to be arranged to sharpen the reasoning and problem solving skills of students. Hence, class participation is necessary to build intellectual curiosity and a deeper understanding of concepts in Pakistan.

Along with the learning methods such as pictorial learning, the exam taking method ~~also~~ needs to be reformed. The current method of cramming based exams must be changed to the opinion based exams. These form of exams will compel the

students to use their intellectual ability. Several studies also explain the importance of using analytical skills in exams. Teachers must design assessments that encourage students to analyze, evaluate and express opinions, thus fostering deeper understanding. (Min Yang, Understanding and developing Student Assessment Literacy, 2025). Hence, the exams structure of Pakistan must be changed to opinion based exams.

Conclusively, one may say that Pakistan's education system has neglected to enhance student's intellectual ability in many ways. The lack of updating of the curriculum and the selection of higher education subjects only on financial security has affected the intellectual ability of students. On top of it, the teachers only deliver the lecture and ignore the classroom discussion, and only help students in rote learning, which suppresses their intellectual ability. This has several consequences on the country as the government never gets competitive policy makers for the problems facing the country. Moreover, the requirements of industries are also not matched due to lack of critical thinking of individuals. The country needs to work on the enhancement of the intellectual ability of the students through integrating methods like STEM learning and pictorial methods in the educational systems. Moreover, teachers must make the class lectures more students-friendly and promote classroom discussions. Furthermore, exams must also be opinion based instead of cramming based. If Pakistan works

on the enhancement of the intellectual ability of students from now on, there is still a hope to get competitive individuals with enhanced intellectual ability to brighten the future of the country.

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