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NOA 129

English Essay

Furthermore, content is too generic

Unethical use of AI tools in education and its consequences

Outline:

Major portion of essay is irrelevant to topic

Plz look into this issue

1- Introduction:

Artificial Intelligence (AI) has prompted digital revolution, in the field of education. The trends like plagiarism, copyright violation and intellectual theft has been unprecedentedly high in 2023 resulting in a complex dilemma with the risk of an intellectual dilemma in the years to come.

It is not readable

2- The dark side of AI in words of "Stephen Hawking", "Sam Altman" and "Elon Musk"

3. Unethical Employment of AI in the field of education:
a) - Privacy violations

- ✓ b) Research deficient conclusions
- c) Copyright violation
- ~~d) Promotion + complacency~~
- ~~d) Plagiarism~~

i) undetectable plagiarism

e) Biases in AI

i) limited data sets

ii) ineffective and irregular auditing

f) Misuse of AI in applied education systems

i) AI and legal education

ii) AI in the world of medicine

iii) AI and construction engineering:
Case study of Japan

- g) Violation of Intellectual Property Rights (IPs)

True to be more clear in the passage

✓ i) Patent irregularities

3) - Ethical guidelines and frameworks

- a) Employment of AI in the field of education should be through the legal lens

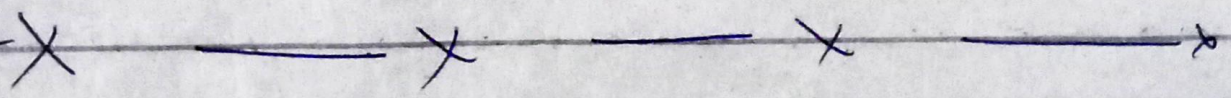
- b) AI's existing policies globally

- c) Promotion of skill-based applied learning through AI

- d) Enhanced data inclusivity to counter bias
- e) Role of developers and tech giants
- f) Role of Intelligentia worldwide
- g) Role of regional and multi-lateral platforms
 - i) UNESCO
 - ii) ASEAN Educational Development Convention
 - iii) EU educational fund
 - iv) Others

4) ~~Summation~~

5) Conclusion



Essay

In today's ~~digitally~~ **Artificial Intelligence (AI)** connected world, ~~artificial intelligence~~ has become a mouth-piece of down trodden but its unchecked utilization in the field of education has caused detrimental impacts globally. The unethical use of AI which includes plagiarism, content-theft, generation of literature to name it as ~~and~~ and violation of copyrights, has been on a high last year. While the developers and scientists have ~~been claiming~~ **claimed** of its ~~advantages~~ **advantages**, its employment in the ~~real-world~~ **real-world** has been controversial since its inception. Experts have warned about its dark side which will have impacts beyond the ~~educational~~ **educational** landscape ultimately. ~~Therefore~~ **Therefore**, a moderate yet effective approach is required to comprehensively tackle its demerits in educational field ultimately preventing ~~fall-out~~ **fall-out** in other spheres of life.

Back in 2014, world-known scientist "Stephen Hawking" warned about the

dangers of artificial intelligence. "The full development of AI," as Stephen says, "will be the intellectual death of human race." Countless multiple online tools are available having built-in data of the real-world, generative AI has hindered the creativity and thinking capabilities of humans. Moreover, inability to keep pace with the digital world will result in under-development. Sam Altman, CEO Chief Executive Officer (CEO) of OPEN AI, highlighted this fact in his inaugural speech of the platform. He says that AI has the ability to replace humans in near-future but it will only happen if humans themselves give it a chance, that is, inability to upgrade skills.

Keeping in line with the same argument, CEO of Tesla, SpaceX and X (formerly twitter) "Elon Musk" also talks about AI now and then. Elon Musk is famous for pointing out disadvantages of AI for humanity. He emphasizes that AI is far-more dangerous than it is

being preceded. Talking about the role of education in skill-development for industry, Musk highlights the fact that a single AI model can replace a thousand individual individuals, but it will never be able to replace that one person who has upgraded his skills through learning.

Before embarking on to highlight the consequences of AI in terms of its unethical use, it is important to shed light on the unethical methods being employed. While AI has revolutionised laboratories, it has also casted a dark shadow on the theoretical learning. Given here, are a number of disadvantages of AI in its incorporation with education.

Privacy violations, in its multiple forms, have hindered the growth of research and development recently. Previously, papers published by authors were safe from by ungranted access. Since,

AI has now access to real-time data worldwide it even accesses private websites where these papers and journals are stored. Through the legal lens, these papers are the property of its author or publisher (depending upon the scenario) and could only be accessed with his/her sole permission. Methods of granting permissions include online vaults, emails or requests to the author or a few bucks so the valuable information could finally be accessed. ~~AI, due to its updated machine learning model, bypass all these requirements to granting free and unsecure access to someone's personal data.~~ Hence, privacy violations are the new normal in AI-world.

The foregone conclusion of privacy violation is the copyright violation. Whereas, copyrights may apply to a diverse range of properties, chief among them are the intellectual property rights. AI is not only limited to the generation of content, it is also

capable of altering the content. It is important to highlight that AI uses its database to generate content. It has opened shortcuts to cheat and make a name for yourself. For instance, a researcher having years of academic training and experimental research publishes a paper and gets it copyrighted. This content is generated by AI and it alters the language of the paper without altering the main-idea. In this way, credits for someone's hard-earned work are being stolen daily due to AI.

Plz work on your expression

Moving on, violation of copyrights further open another portal of irregularities. While patent rights were safe and secure previously, now-a-days these are most the ones most violated and AI has added fuel to this fire. The tussle between United States of America (USA) and China is not new, China, being a developer and exporter of tech

products, has faced multiple allegations from USA over patent rights. One recent illustration is seen in Trump's Policies and China's counter-action. Trump in 2017, imposed protectionist policies in USA, banning the import of Chinese tech-products (mainly for mechanical industry). China in response imposed a ban on USA's products in China. The tussle continued for a great deal of time impacting multinational companies for example Huawei. Therefore, the spark created by the violation of patent rights resulted in geo-economic hurdles ultimately.

There is no education
No ethicality

Further exacerbating the conditions are the research deficient conclusions. Research plays a crucial role in the development of any field of knowledge. It is research that ultimately provides conclusions to become knowledge. Lately, AI has impacted research work due to prompt engineering. Earlier, a student had to go through

14
bundles of books to finally
established a subject. Annual of prompt
engineering study into minutes of typing, AI
readily provides any data, given
the prompt is correct. It has
badly affected educational landscape
especially the engineering sector. For
example, a survey of the off-shore
drilling sector revealed that
level due to increased industrial
data of the oil bit made
the company pay hefty amounts
in terms of maintenance. The
tribological data, as the report says,
was carried out through AI-models.
Therefore, lack of research and
blind trust in AI has not
only educational implications but
also economic or industrial ones.

Again quite
irrelevant and
too casual

In case of online-theft
of the content and plagiarism,
the situation is quite mirrored.
Plagiarism is the use of someone's
exact work in your own and
labeling it as yours. Online
plagiarism checker tools worked

efficiency previously but now,
 AI tools are available
 are capable of bypassing which
 plagiarism checker. In a nutshell,
 "the plagiarized content generated
 by artificial intelligence is then
 rephrased by artificial intelligence to
 bypass the plagiarism check." This
 state of affairs has marked
 the situation off and sketchy
 with minute chances of correction
 in near future. Therefore, ~~artificial~~
 paraphrasing due to advanced AI
 is one of the key unethical uses of artificial
 intelligence in the educational
 landscape.

Having said that, AI's
 broad yet limited database has
 also caused key issues lately.
 Growing biases due to the use
 of AI have rendered it
 controversial and ~~unreliable~~ globally.
 Due to its inability to
 generate check and validate its
 own generated data, questions
 have been raised on its
 efficacy and broad employment.

Moreover, ineffective and irregular auditing has further exacerbated the situation. While the ultimate aim of auditing is to ensure accountability and transparency, irregular auditing causes issues such as **Please read Ur topic along with validity Piz** generation of false data and factual data. Hence, broad and real-time yet again limited dataset does more harm than any good.

With this in mind, artificial intelligence has resulted in myriad problems in the applied educational fields. It has created a gap between industry and university, which was previously filled by research and publications. Several cases have surfaced globally over misuse of AI in the educational landscape. One popular case was the issue of a report generated by an internee lawyer in United Kingdom. The report was generated by AI which did not take into account the difference of adversarial and inquisitorial justice system. The case became a humiliation of

UK's judicial system along with
 similar charges on the internet.
 Similarly, unchecked use of AI in
 the field of medicine could be
 dangerous. No major can of fault
 line of AI has yet surfaced in the
 corridors of Bio-Technology but it
 could not be crossed altogether.

What could be done in
 these state of affairs to
 make educational landscape more
 effective, transparent, accountable and
 efficient? A large list of
 ethical considerations must be taken
 into account to establish the
 guidelines and frameworks on safe
 employment of AI in education. Some
 of these are pinned down here.

Firstly, employment of AI in
 the field of education should
 be through the legal lens. Several
 countries including USA, Canada
 and Japan have established
 policy frameworks for the use of
 AI. Once again, developed countries
 have taken the lead in doing so
 because of its dark yet factual side.

Policy frameworks to navigate through bias, privacy violations and ultimately societal impacts, are the dire need of time. Before AI becomes a sword of Damocles, it is wise to establish legal and regulatory framework on governmental level to ensure its safe utilisation.

The necessary aspect of AI in education is ethics and morality. Policy frameworks are only effective once they are followed. Morality provides the playground to make someone follow a law. Therefore, educators must educate the moral use of AI and ways AI could help in skill-based learning. Otherwise, a generation of complacents will be harbouring in educational institutions without any tangible outcomes. Therefore, employment of AI for the promotion of skill-based learning is the only way forward. Moreover, regulatory frameworks to keep a check on students should be employed. As a starter, "Bloom's taxonomy"

Provides a well-established system of "Program-learning outcomes". Hence, AI is only as dangerous as its purpose of usage in the field of education.

The necessary aspect of the unethical use of AI in the field of education could be encountered by the role of developers and tech giants. As already quoted, the big fish of the industry, it is imperative to provide skill-based learning through multiple means. Recently, "Google" fired a thousand employees because AI is capable enough to do their jobs. So, a wise approach would be to upgrade employees rather than firing them. The hard-line approach by the tech giants would create a gap between industry and education. Therefore, it is necessary to opt for a moderate approach in this regard.

This example does not have any logic

In case of greater awareness,

the role of intelligentis
could not be sidelined. Responsibility
of every pillar of the society
must be played by themselves
in order to ensure a diversified
yet ~~sustainable~~ world. AI ~~is~~ a
reality and ~~now~~, education
has to be incorporated with
it. Therefore, ~~apart~~ from mainstream
education role of intelligentis
comes in handy ~~where~~ talking
about the ~~greater~~ awareness
worldwide. Trainings, seminars
and ~~many~~ awareness campaigns
in educational institutions will
prove fruitful in curbing the
unethical employment of AI
and promotion of ethical yet
effective means for the use of
artificial intelligence.

This somewhat better expression

Finally, role of regional
and multi-lateral institutions
at the level of educational
and technological reforms is the
ultimate guide in this regard. Unethical
means are only employed
when the benefits of unethical
means out weight weigh the

of ethical concerns. Therefore, promotion of ethical norms could only be ensured by streamlining the main-stream education. Employment of modern techniques and sidelining the old ones is a step which could ensure safe progress of AI.

In this regard, the role of United Nations specialized Committee, that is

"United Nations Educational, Scientific and Cultural Organization (UNESCO)"

could prove fruitful. Establishment of recommendations and policy frameworks

under Sustainability Development Goals (SDGs), to incorporate safe and equal employment of AI in the educational landscape

is the major milestone, yet to be achieved. Similarly, role of

regional organizations such as SCO (Shanghai Cooperation Organization), ASEAN Educational Development Convention

and European Union Educational fund is the need of the time. In

a world of rising multi-polarity, these regional organizations could

ensure the safe employment of AI in education and technology,

timely have

113 ~~Impact of~~ ~~technology~~

Summing up it could be said that artificial intelligence has become a mouth-piece of down-trodden and its importance cannot be denied. AI has stemmed from digital revolution but the promotion of unethical modes in education has resulted in a dismal educational performance while plagiarism, copyrights violation, privacy issue and data breach stand on its negative side, a collective effort at individual and societal level is required to uphold the ~~fly~~ of morality and ethics. Moreover, role of intelligent non-governmental organizations and digital political institutions cannot be denied.

To conclude it could softly be said that unethical modes are only opted for when their ~~costs~~ benefits out-weigh the costs of ethical means. Therefore, promotion of "effective"

modes of employment of
 artificial intelligence through main-
 stream education is a necessary
 step to be taken in the
 global educational corridors. on
 the contrary, benefits for the
 time being may be achieved
 at the cost of raising a
 complacent generation with
 no tangible knowledge or skills.
 Therefore, safe incorporation of
 artificial intelligence in the field
 of education will be a positive
 way-forward in curbing the
 unethical use of AI-tools.

