"Humanities to Humanoids": Edutainment of Artificial Intelligence through Ict

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Abstract

Era of technology has bestowed with plethora of developments and evolution in the routine human life. One field in which such changes could be experienced much is the genre of films. In the recent past, there are myriads of films released with the concept of AI (Artificial Intelligence). The globe of AI, is often an interesting topic for the engineering graduates but it is not focused by the students pursuing graduation in Humanities. The objective of this research critique is to bring out how AI could be introduced in humanities classrooms using films. Attempt is made to justify the objective using a few films as examples.

Keywords: AI, Films, Humanities, Humanoids, ICT

1. Introduction

"The science of today is the technology of tomorrow" – Edward Teller (Hungarian-American theoretical physicist)

In this techno era imagine about future and prediction about the future is possible with the invention of technologies. Humanities are moving forward with the help technologies. Twentieth century was the period of technological development. Communication technology, transport, weapon systems, satellites were developed at the end of it. People were introduced to radio, telephone, television, computer and Internet. Though they were discovered and came to use not all the people used except aristocratic people. In the last decade mobile phone was introduced and telephone and television spread some wide. So mobile took one more decade to spread. 21st century is the age of information. Digitalization is the important revolution that happened in this century. Even government gave laptop for the tertiary level students to enrich their education and knowledge. There are various arrears in which the development of technology could be vision. Film has become part of human life in this digital world. With the help technology film making has reached beyond imagination and still upgrading without any problem. Especially in the science fiction genre the support technology to the filmmakers reached to the peak. Futuristic world created by film is helps to pave path to many new invention by stimulating imagination. Artificial intelligence is predominant tool of this era which is going to be the important one in future. In films the influences of AI and Technologies can be witnessed.

2. Review of Literature

In 2016, The three researchers named S. Shyam Sundar, T. Franklin Waddell, and Eun Hwa Jung have done their research on the topic "The Hollywood Robot syndrome Media Effects on Older Adults Attitude Towards Robots and Adoption Intentions". In this paper they mainly discussed the Theoretical and practical implications to design robots to help human socially. Robots usually used in science fiction genre and popular Medias. This paper concludes that a novel's contribution to research by applying media effects to accept the technology and human-robot through an awareness of the role that robots are expected to satisfy the relative importance of ease of use for users' behavioral intentions. In 2015, "Panoramic Virtual Museum: Representation or Simulation by Indah Tjahjawulan and Setiawan Sabana, in their paper tells nowadays the tremendous progress of technology in network has caned a world entirely based on computer in everything. Virtual museum makes a room using panoramic virtual that gives an easy way even with the facilities to look up and look down. This gives an impression that the actual present in the museum. In his end note he says media helps people to strengthen their knowledge, virtual museum is a useful breakthrough, a ground-breaking technology, no matter about the situation and the museum has became like a meeting place, a place to take care and preserve cultural heritage, actual museum is irreplaceable, it cannot be replace by this virtual experience.

3. Artificial Intelligence

Artificial Intelligence is a machine creation to work and think like human. Human created machine, when machine are allowed to do some activities with help of computer which include speech recognition, learning, planning, problem solving. Artificial intelligence is a branch of computer science which target to create intelligent machines. That becomes most important of technology industry. The main part the artificial intelligence is programmed by computers for some traits like knowledge, reasoning, perception, ability to manipulate and move objects. Robotics is a main filed synced to AI. Robots are a machine look like human. Like human intelligence AI is must for robot to do some task like object manipulation, motion planning , mapping, navigation along

with sub problems of localization. Artificial intelligence will become the key to the future of our humanities. Machine were invented to reduce human works and for the advancement of the society. Artificial intelligence is the source of machine which is going to heart of its activities. The idea of AI is started before current technology were introduced in ancient Greek myth of Hephaestus who is god for smith created mechanical worker and the bronze man named Talos integrate the idea of Intelligent robot. Even in the 4th century B.C the great philosopher Aristotle invented the first formal deductive reasoning system named syllogistic logic. The modern history of AI begins with development of stored program electronic computers. John McCarthy Coined the term " Artificial Intelligence "as the topic of the Dartmouth Conference , the very first conference related to the topic. AI is the future of future computer world.

4. Ai and Humanities – An Interlink

Inventions of human always become key role to the civilization. All the technologies are for the betterment of human species. There many issues as to face after the human race the invention of Artificial intelligence .The merging of AI with human is going to be the big problematic future. Science always includes positive and negative impact on human. The mutual understanding between Artificial intelligence and human intelligence is the key for the perfect AI future which will be clear path to next level. When there will be dominance human should be over the AI. Human should learn about their needs without using technology or with clear idea about technology they should use. When there is lack of knowledge about AI leads unimagined disaster or dominance of AI over human will ruin their race. Artificial intelligence is introduced to do some basic thing by machine without the control of human. Due to it development now robots become more powerful to behave like human. Latest invention of artificial intelligent robot named Sophia which is social humanoid robot developed Hanson Robotics activated on April 19th 2015. She is able to do more than 62 facial expressions. It's the first robot to receive the citizenship. But the still now many scientist do not know the future of the robot because human has individual uniqueness like having different facials, fingerprints etc., Robot did not has any of these features to become citizen or one among the people. Like in the blade runner if these AI robots merged with human may be in future the dominance of AI will ruled over the world. That does not mean to destroy it. Before know complete thing about the AI it's not much safe for human. "We can only see a short distance ahead, but we can see plenty there that needs to be done". Alan Turing

5. Research Analysis

Transcendence is science fiction directed by Wally pfister released in 2014.In the film transcendence the AI is the major theme. It is story about the dystopian world Dr. Will caster want created immortal world with help of AI program. He is pioneer in the researcher in the field of artificial intelligence by creating a sentient machine that combines group intelligence with full range of human emotions. Dr. Will caster after the conference shot by RIFT which is group people against the technologies for his research which will leads to danger in future. They inject him polonium through bullets which is radiation poison.
"We can upload his consciousness. We can save him" (Evelyn caster)
Not like this… Assuming that this works, if we miss anything ,a thought, a childhood memory, how would you know whom we're dealing with? (Max waters)
Before he is shutdown his wife Everlyn wants to connect his brain to computer with help of Max water friend of them. Human taking AI form is not possible before that incident. Dr. will transformed

into AI form but max has a doubt with it is real AI form of Dr.will or PENN which is automated AI device created by Dr .will. Because max philosophy about human and machine is different from Evelyn so he can understand that AI form is not Will.
You're surprised to see me Joseph?
Hmmm, that depends .can you prove that you are self – aware?
Well that's an interesting question. Can you prove to me that you are?
Joseph inspects the place where Evelyn and AI form of Will constructed new research based to change the world. When he enters the main chamber as surprise to see Dr.Will in AI form and asked about itself self-aware. Joseph always believes machine never be like human. So he doubts about the intelligence of machine. In the Film *Her* also there is such kind of scene in the climax that Theodore doubts his software after long time relationship but in the film he doesn't doubt it intelligence from the beginning. But in Transcendence Joseph doubt it from the beginning. Technology is manmade believing on manmade is kind of trusting his creation which may leads to disaster.
They're trying to destroy me
You're destroying them
I am trying to save them
AI to Evelyn that the government and RIFT trying to destroy it. Evelyn replies to actually you are destroying them. AI I am trying to save them. In this scene Evelyn is inject with the virus of source code to destroy AI by Max and groups to save the world because due to AI influence it change human it sentient with nano technology to create army. AI thought by giving immortality to human and everything to be normal. But in reality immortality is not normal to human. It makes leads to destroy the race and change it into slaves for AI.
I spent my life trying to reduce the brain to a series of electrical impulses. I failed human emotion …it can contain illogical conflict. Can love someone and yet hate the things that they've done. Machine can't reconcile that. (Max waters)
Max philosophy about machine that it cannot collect the memories or thought process like human. Because human brain collect memories of which person love at the same time hatred against the same thing which is not possible for machine with AI to collect these kind of conflicts. Machine always logical sequel in it brain process about to him it totally different there is no logical process about memories. In this film AI try to create end of primitive organic life and the dawn of a more advanced age .everything would exists just to serve its intelligence.

6. Foresee Future through Ai

Science is an undiscovered ocean in humanities to understand the purpose towards life. When we took science fiction films as a tool to teach the present student about the future inside the classroom. It teaches the positive and negative side of technologies through literature and films. Most of us don't know deep impact of technologies around us. Science fiction films and books bring out the knowledge about the impact of science and Technologies over humanities. Present generation started to get trapped in techno era by computers, Smartphone's and gaming device. in video impact AI is too dominance over child . Games are created to be dominating using AI which comments the player to play. If we failed to teach the students about the impact of technology .it may leads to dominance of technology and it make human slave. The teaching awareness and thought about future dominated by technologies through this film to the learning community.

7. Ai in Humanities Classroom

Language, literature, sociology, Media studies and so o are the branches in which human life is taught than the concepts of mechanics. When principles and the importance of AI are taught

in such subjects, it will create awareness among the upcoming generation which would assist them to foresee and be prepared for the most challenging humanoid rule era. This research critique is an attempt to create awareness to the young minds and the teaching fraternity to utilize the field of AI and introduce to the students pursuing education in the stream of Humanities as well. The positive and negative dimensions of AI could be well taught and comprehended through films as mentioned above. Such practices would pave way for the enrichment of moral needs and the high need for culture preservation.

8. Conclusion

As often said, the world today is reigned by technology where people happened to spend much time in social media and gadgets which is the milieu of virtuality. In such a scenario, when young minds are equipped with the elements of hyperreality and virtual settings, they tend to believe the falsified world. This furthermore creates a void reality and a new culture is formulated. One thing to be notice is, present generation is running beyond the horizons of imaginative world where they do farming, grow plants, dress-up their dolls, talk to their kittens in virtual world through games and technological equipments. This is adding to the fuming situation of inhumane deeds where essence of culture and creed is lost. It is good to have technological aids but when it comes to leading a life, there should be a measuring scale. The recent Blue Whale challenge is an example for where the world is heading to beyond reality and cultural practices. This research critique acts as a forerunner in warning as well suggesting the need to preserve culture in spite of the technological developments. Man should embrace the mankind and not the man in the virtual world.

References

[1] Pfister, Wally. Transcendence. Warner Bros Pictures . April 10 2014

[2] Wachowski , Lilly.Lana Wachowski. The Matrix. Village Roadshow Pictures. March 31,1991

[3] Neveldine,Mark. Brian Taylor. Gamer. Lakeshore Entertainment Lionsgate September 4,2009

[4] Buchanan, Bruce G. A (Very) Brief History of Artificial Intelligence. AI Magazine 26(4) winter 2005, 53-60

[5] Cohen, Jonathan. Human Robots in Myth and Science. NY: A.S.Barnes.1967.