

**MIT-World Peace University (MIT-WPU)**

**Faculty of Engineering, School of Computer Engineering & Technology**

**Course Name: Seminar                         Course Code: CS335**

**T.Y. (21-22\_T10 First) Seminar Synopsis (Annexure-II)**

| **Name of Student** | **Sumanth Vullamparthi** |
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| **PRN No.** | **1032180622** |
| **Roll No.** | **PC30** |
| **Panel No.** | **C** |
| **Date** | **28/08/2021** |
| **Topic** | **Safe AI - Disaster Management** |
| **Abstract (one paragraph)** | The ‘dotcom’ bubble that started in the mid 1990’s proved to be the start of the Internet era. The use of the Internet kept growing which led to the generation of enormous amounts of data. With the rapid expansion of cloud computing in the early 2000’s enterprises could use this data and the high computational power to build smart systems or intelligent systems which we also call Artificially Intelligent systems (AI systems). This has proven to be of great strength to enterprises, as AI took over different sectors of the industry and has proved itself to be the most disruptive technology that humans ever created. But, as the saying goes “With great power comes great responsibility!!!”. Although AI has proven to be a very useful technology, there have been instances in the past where AI systems failed badly which caused sentiment harm, monetary harm and even harm to human life! So, with such great power at hand it becomes really important for us to create a “Safe AI ecosystem”. In this paper we discuss how AI has failed in the past and what measures need to be taken so as to have AI systems that don’t fail even as the world moves towards “Artificial General Intelligence” (AGI). |
| **Keywords** | **Artificial Intelligence, AI security, cyber security, failures, safe systems, humanity** |
| **References** | **1**.Mushfequr Rahman, M., 2021. *(PDF) Dangers of Artificial Intelligence*. [online] ResearchGate, March,2020  **2.** [Roman Yampolskiy](https://www.researchgate.net/profile/Roman-Yampolskiy), “Predicting future AI failures from historic examples”, ResearchGate, November, 2018  **3.** Josef Baker Brunnbauer, “Management perspective of ethics in artifcial intelligence”, Springer, 16 November 2020  **4.**Susan Leigh Anderson ,Michael Anderson, “AI and ethics” , Springer Nature Switzerland AG 2020, 6 October 2020  **5.** |

**Seminar Guide Name Seminar Coordinator Name**