NEWS PAPER ACTIVITY-Team 12

-by Bharathi,Nivashini,Pradeep,Yeshwanth

HYPERLOOP

Elon Musk, founder of Tesla and SpaceX, **unveiled the idea of Hyperloop to the World through a White Paper - Hyperloop Alpha. The fifth mode of transportation moves freight and people quickly, safely, and directly from the origin to the destination. Passengers or cargo are loaded into the Hyperloop pod and accelerated gradually via electric propulsion through a low-pressure tube. The proposed Hyperloop model can achieve a top speed of over 1200 kmph. It is completely autonomous, safe, clean, and enclosed. More importantly, Hyperloop is environment-friendly and doesn't require much maintenance either. Hyperloop has been "open-sourced" by Elon Musk and SpaceX to attract innovations and improvements in the concept, thus optimizing the technology and bringing out a better version of itself.**

Avinshankar Hyperloop

- *India's aspiration for cutting-edge, high-speed travel has gained momentum, thanks to the innovative spirit of the students at the Indian Institute of Technology(IIT) Madras. Their project, aptly named 'Avishankar Hyperloop', is reimagining the way we perceive inter-city transportation. The core idea revolves around a passenger pod traveling within a vacuum tube, promising speeds so incredible that a 350km journey would be a mere 30-minute affair. Such a groundbreaking concept, which initially sprouted from the mind of tech magnate Elon Musk, is now seeing the dawn of realization in India.*

➡ *The 'Avishankar Hyperloop' is the fruit of tireless dedication from a team consisting of over 50 students spanning from undergraduates to doctoral candidates at IIT Madras. Such diverse collaboration has been instrumental in pushing the boundaries of what was once just a concept. Medha Kommajosyula, the passionate leader of this team, envisages the project's maturity within the next decade if the momentum persists. Beyond the encouragement of notable personalities, the project received a robust boost from the Ministry of Railways in the form of a hefty grant of Rs.8.34 crore last year. This sponsorship came to light after IIT Madras presented a compelling proposal emphasizing a collaboration to carve out India's indigenous Hyperloop system and its intricate subsystems.*

Summary:

-by pradeep.N

CRITIQUES

BY R.BHARATHI

Vocabulary

-by Yeshwanth.S

- *1.The project received a <u>robust</u> boost from the Ministry of Railways in the form of a hefty grant of Rs.8.34 crore last year.*

- >>>Synonym-**sturdy** / Antonym- **fragile**

- *2. The passionate leader of this team, <u>envisages</u> the project's maturity within the next decade*

- >>>Synonym--**imagine**/ Antonym-**overlook**

- *3. India's <u>indigenous</u> Hyperloop system*

- >>>Synonym-**native**/ Antonym- **foreign**

- *4.Out India's indigenous Hyperloop system and its <u>intricate</u> subsystems.*

- >>>Synonym-**complex**/Antonym- **simple**

- *5. Initially <u>sprouted</u> from the mind of tech magnate Elon Musk*

- >>>Synonym-**emerged**/Antonym- **withered**