



World's First COMPLETELY Friction Less Brakes

Supervised by-



Mrs. Krishnaveni Sengiah



WHAT?

We utilize Eddy currents and regenerative braking to stop a vehicle without using any friction much more faster than normal brakes .

WHY?

- Less fuel consumption
- Low maintenance
- No wearing of brakes
- No lubrication
- Very reliable and safe
- Longer life span
- Quicker deceleration
- Saves energy
- Less fuel consumption

Therefore electromagnetic regenerative braking is a better braking system for future automobiles. In many auto driver less cars it can be implemented for regulating speed and also charge batteries of the vehicles at the same time.



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Statistics

1L

1 liter of petrol saved by 1 car per day

80M

80M Dhiraams saved per year

40

40 road related deaths can be prevented per month in U.A.E



Three of our students of class 10 from Asian International School, Ruwais were selected as 'THINK SCIENCE AMBASSADORS BY EMIRATES FOUNDATION' in the recent event 'YOUTH FORUM 2018'.

The event was held in Baynuna Education complex at Zayed City and our children got the opportunity to present their project which was awarded for its OUTSTANDING CONTRIBUTION IN THINK SCIENCE FAIR-2018

PROJECT TITLE : ELECTROMAGNETIC REGENERATIVE BRAKING SYSTEM.

PROJECT SUPERVISOR: KRISHNAVENI SENGIAH

TEAM MEMBERS :

SOUPARNA MANDAL

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COMPILED BY: SUNITA PARIHAR



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