



**Ram Akash, class 11, Excel Central School,
Kanyakumari, Tamil Nadu**

Ram likes to stay updated about the latest gadgets, watch movies and wrestling on television and play video games. “I am very motivated and would like to continue striving and achieving in my life,” says the young innovator.



**Nimisha Katyayan, class 12, DAV Kapil Dev
Public School, Ranchi, Jharkhand**

“My grandmother is no more but she would have been so happy and proud of my innovation and my achievement,” says Nimisha, whose brother inspires her the most. Her father is the personal secretary of a Member of Parliament while her mother is a homemaker.

Nimisha aspires to become a civil servant when she grows up. “Becoming a civil servant would serve as an ideal platform for me to serve the nation,” she says. Chemistry is her favourite subject and in her free time, she likes to dance, read and listen to music.

Her approach to life is based on Albert Einstein’s quote, “Imagination is more important than knowledge”.

Drawbridge door for trains

Ram Akash, class 11, Excel Central School
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In India, the railway station platforms are much lower in height than the train bogie's stairs, making it uncomfortable for the elderly, children and the disabled to board the train with their luggage



Students Ram and Nimisha have suggested the idea of a drawbridge door for trains. The students have suggested that the drawbridge door, when opened onto the railway platforms, act like a ramp, making it easy for passengers to walk aboard the train with their luggage.

Ram Akash, who is from Kanyakumari, travels a lot by train, including the metro and local trains. During these journeys, he not only saw the difficulty that people faced while boarding the train but also observed that some passengers used to sit or stand on the steps of the moving train, which is quite dangerous. "This made me think of a drawbridge door that opened only at stations, thus making it safer," says Ram.

Last year, Nimisha was travelling by train with her grandmother, who had a lot of difficulty boarding the train due to her old age. This situation inspired Nimisha to think of a drawbridge door, that would open like a ramp on stations and make travel by train easier for the elderly.

