



Prithwish Dutta, class 12, Don Bosco School, Liluah, Howrah, West Bengal

Prithwish takes deep interest in science and technology. While his favourite subject in school is economics, he likes reading books on science, especially the ones authored by Stephen Hawking.

His hobbies include playing games like cricket and football, for which he has won many prizes. His mother is a homemaker while his elder sister is pursuing media science. He wants to follow his father's footsteps and become a businessman. "My role model is Steve Jobs, who had famously said, 'The ones who are crazy enough to think that they can change the world are the ones who do,'" says Prithwish.

Soundproof Hammer

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Noise from renovations and
residential constructions
can be very annoying,
especially when a hammer
is used constantly



Having gone through this situation, Prithwish came up with the idea of a soundproof hammer, through which the noise level of a hammer can be reduced to its minimum. The sound proof hammer would be covered with a foam-like substance, which would absorb the impact when struck against any object.

“My house was being renovated some time ago. The workers were using hammers to break the floor tiles and all the noise was driving me up the wall. And it was not just me who was annoyed but my neighbours, too, had a tough time. In a construction area, the noise generated from a hammer can reach upto 110 decibel, which exposed for more than 10 minutes can cause serious deafness. So I thought of this idea of a soundproof hammer,” says Prithwish.

