



**Mohammad Tawseef Thokar, class 10, Govt. Higher Secondary School, Kulgam, Jammu and Kashmir**

Tawseef, who is 16-years-old, had to undergo 15 surgeries since an accident that badly injured his leg in 2011. He has not been able to attend school regularly because of his surgeries and had to skip the academic session this year because of one last surgery. “I miss going to school but my friends from school come home and cheer me

up. My favourite sport is cricket and I used to love bowling in a match. I also play chess and carom,” says the spirited Tawseef, who wants to become a software engineer when he grows up. Tawseef’s father does agriculture work while his mother is a homemaker. He has two brothers, one elder and one younger to him.

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# Pebble indicating system for cooking vessel

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Many times, pebbles and other impure particles get cooked with rice and other food grains in spite of being washed



Tawseef has suggested a vessel with sensors, which can indicate the presence of pebbles or similar impurities in rice or other food grains being cooked.

“This rice cooker-like vessel can be especially helpful for students who stay away from home and have to do their own cooking. The sensors will alert if there are pebbles or insects in the food, as soon as they are heated so that they can be washed immediately,” says Tawseef, whose idea was inspired when he saw his mother complain about impurities in cooked rice.

