



## Student Award - First

### Spill Proof Kangri

Asim Sikander Mir  
Kulgam, Jammu and Kashmir  
Scout: Direct

Asim Sikandar (15) is a class 11th student. His hobbies include playing games & sports like cricket, carom, volleyball, football & chess and he wants to become a scientist when he grows up.

The traditional fire pot (Kangri) is an effective and economical heating arrangement. Kangris not only keep Kashmiris warm during the cold, particularly in winter but also feed thousands of families by providing them with livelihoods. The Kangri remains an enduring emblem of local craft that is eco-friendly and cost-effective. Beyond Kashmir, people of the erstwhile Hill states of Himachal, Uttarakhand, and some parts of Nepal also use other local variants of Kangri.

If the traditional Kashmiri Kangri tilts or falls, hot embers may spill around, which is

dangerous. It may cause burns, and there is also a possibility of an outbreak of fire in extreme circumstances. Spill Proof Kangri is an innovative way of avoiding accidents due to the spillage of hot embers and also provides an effective way to handle the Kangri, making it easier and safer.

Asim Sikander Mir has made this Kangri “gyroscopic”. This Kangri consists of a spinning earthen pot kept inside the main base earthen pot so that its axis can rotate in any direction to maintain its orientation, regardless of any doubtful movement of the base pot. If Kangri is tilted to the maximum level, the inside earthen containing amber will retain its original position and not spill over the body or carpet.

