



## **ARMY PUBLIC SCHOOL, HEMPUR**

### **INSPIRE AWARDS 2020-21**

**The Awards:** 'Innovation in Science Pursuit for Inspired Research' (INSPIRE) scheme is one of the flagship programmes of Department of Science & Technology (DST), Government of India. The INSPIRE Awards - MANAK (Million Minds Augmenting National Aspirations and Knowledge), being executed by DST with National Innovation Foundation – India (NIF), an autonomous body of DST, aims to motivate students in the age group of 10-15 years and studying in classes VI to X. The objective of the scheme is to target one million original ideas/innovations rooted in science and societal applications to foster a culture of creativity and innovative thinking among school children.

**Inspiration for others:** It is said that children have immense creativity and imagination. When these combine with a scientific bent of mind, what follows is recognition at a very raw age. And the recognition has also come in the form of a grant of INR 10000 for the projects to come to fruition.

Three students of **ARMY PUBLIC SCHOOL HEMPUR** have been selected for the coveted **INSPIRE MANAK AWARDS 2020-21**. They have made working projects-devices which can well prove to be a boon for their users.

**UTKARSH PRATAP SINGH** (Class X): With the whole world still grappling with the pandemic, Utkarsh Pratap Singh of Grade X, has come up with his innovation- a 'Corona Safeguard Machine'. The device serves the twin purpose of measuring temperature as well as sanitizing the person.



**NAKUL GAHLOT** (Class X): A good monsoon and a bumper harvest yet again. But, our country has always been short of storehouses and godowns for keeping the produce safe for a long time. Nakul Gahlot's 'GRAIN DRYING MACHINE' ensures that grains dry faster. The machine uses hot and dry air to remove the excessive moisture content of the grain, thus helping in preserving it against the vagaries of the weather. The device, if further worked on, can well become a game changer in the farmers' life



**NAKUL BOURAI** (Class X): 'Divyangs' with disabilities find it difficult to lead a normal life. They are usually dependent on others. For those with physical deformities, Nakul Bourai of Grade X has come up with 'PAGE TURNER MACHINE FOR HANDICAPS'. Now, instead of using their toes or even chin to turn the page, in the absence of fingers, they can use this machine to flip the pages, giving them the confidence of being self dependent.



Due to the pandemic the District level, State and thereafter National level exhibition has not been organized yet. At national level stage, NIF will provide mentoring support to students for development of prototypes, in coordination with reputed academic and technology institutions of the country.