

PM Bal Puraskar for Innovation

SO-APT – A Young Genius’s All-In-One Solution For Our Small Scale Farmers

Arpita Chakraborty
GT Network

Suhani Chauhan, a student of AIS Pushp Vihar, is a true role model for everyone who aspires to bring about a positive change. On the occasion of 75th Republic Day, she was bestowed with the prestigious Pradhan Mantri Rashtriya Bal Puraskar for her innovation SO-APT (Solar Operated Agricultural Vehicle with Portable Tools), a technological marvel aimed at helping small scale farmers. She speaks to GT about her extraordinary journey.

The genesis

Suhani always found herself drawn to the challenges that come with a dynamic environment. Howbeit, it was a school visit to a Manesar farm in Class VIII that sowed the seed of this mission. “Seeing the plight of small farmers, I wanted to work in the field of agri-tech and help our farmers,” she says.

The support

In a quest that took almost five years, Suhani confronted all challenges with an unyielding resolve and a strong support system. She shares her gratitude towards Chairperson Dr (Mrs) Amita Chauhan for providing a nurturing learning environment, the collective support of her school, principal, and teachers. Dubbed as the ‘innovator in the



Suhani Chauhan of AIS PV receives Bal Puraskar from President Droupadi Murmu

family’, by her grandfather, Suhani has a family, supporting her every step of the way. “My mother has been my constant pillar of support. The assurance that someone is diligently handling and managing everything behind the scenes to ensure a smooth path for me made it very comforting,” she notes.

The delicate balance

Skilfully managing academics, extracurricular pursuits, and personal life, Suhani sure has got her balancing act right. Refraining from making any traditional or rigid

timetables, she plans her day with a simple morning ritual of setting mental goals that guide her through the day. “I make sure to complete all the tasks that I have listed before going to bed. This helps me keep things on track,” she adds.

The success mantra

Our Founder President Sir’s mantra BHAAG (Behavioural Sciences, Hardwork, Attitude, Ambition, and faith in God) has been Suhani’s guiding principle throughout this journey. “Everybody has the same number of hours in a day and a limited

number of resources, but what sets you apart is how wisely you employ these resources. It is crucial to maintain the right attitude and consistently making the effort to move a step forward.”

The ‘apt’ marvel

Explaining the concept behind SO-APT, Suhani says, “This compact vehicle has a unique feature, encompassing almost all the tools necessary for agricultural purposes.” This innovative vehicle is not only crafted for ploughing, irrigation, fertilisation, or digging



holes for seeds, but also serves as an everyday vehicle for storing crops and seeds and transporting them to the market. Beyond being a farmer-friendly investment, this vehicle is a boon for the environment. Equipped with six solar panels, it utilises five panels to power the vehicle and one to power the tools. With tools designed to cut costs and promote sustainability, SO-APT is the innovation we are in need of in the agricultural world.

The shining legacy

Suhani Chauhan’s achievement is another feather in Amity’s hat crowned with Bal Puraskar award-ees. The prestigious honour was earlier bagged by Taksheel Budhadeo, AIS Gur 46 (2014); Gauri Mishra, AIS Gur 46 (2020) and Sanchita Tiwari, AIS Vas 1 (2020).

With her unique innovation, Suhani has not only inspired us to usher change, but also motivates us to comprehend the limitless possibilities of the human mind. 🇮🇳

THE GT POLL

Do you think RBI’s decision to barr Paytm Payments Bank from accepting new deposits after February 29, 2024 is correct?

a) Yes
b) No
c) Can’t say

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What’s inside

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Spirit of freedom
Celebrating the 75th year of our Republic Day as we unfold the lesser known information about this highly celebrated day of pride.
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Be body positive
Have a look at experts discussing the vital topic of body positivity as part of the panel discussion organised by YP team of AIS Noida (2022-23).
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POLL RESULT
for GT Edition January 29, 2024

In light of South Africa’s genocide case against Israel, do you think International Court of Justice’s verdict can change the course of Israel-Hamas War?

Yes	No	Can’t say
47%	34%	19%

Result as on February 3, 2024