

## **REPORT ON THE STATE-LEVEL YOUNG SCIENTIST FAIR**

**Hosted by Kalpana Chawla Space Academy (KCSA)**

**Date: 24th – 25th July 2025**

**Venue: Kalpana Chawla Space Academy, Lonavala**

The **State-Level Young Scientist Fair 2025**, a grand two-day event organized by **Kalpana Chawla Space Academy (KCSA)** — India's first and only residential space education academy offering integrated learning from school to higher education — was successfully held on **24th and 25th July 2025**. This mega science fair served as a platform for young minds to showcase their scientific talent and creativity.

The event was formally inaugurated in the presence of esteemed dignitaries including **Adv. Shri Madhav Bhonde (Chairman, VNET)**, **Shri Narayan Bhargava (Vice Chairman, VNET)**, **Smt. Radhika Bhonde (Secretary, VNET)**, **Prof. Jagdish Math (VNET Governing Body member)**, **Dr. Pushpendu Rakshit (Director, KCSA)**. Special guests included **Smt. Vijaya Kalyan (President, Rotary Club Lonavala)** and **Smt. Durreya Rampurawala (from the Rotary Club Lonavala)**.

### **Event Highlights:**

- The State level Young Scientist fair received an overwhelming response with **40+ schools** from across the state participating.
- 1000 + Visitors which includes students across different schools along with parents and relatives visited the fair.
- Out of the numerous entries, **23 top science exhibits and working models** were shortlisted for final demonstration.
- Exhibits included a wide range of topics such as:
  - **Aeromodeling**
  - **STEAM Models**
  - **Planetary Movement Simulations**
  - **GPS Tracker with Medicine Reminder**
  - **Wireless Electricity Transfer**
  - **Remote Control Cleaners**
  - **Mars Rover Models**
  - **Object Detection Radar System**
  - **Soil Moisture Detection**
  - **LPG Gas Leakage Detection**
  - **Electric Bell.**
  - **Home Power Supply Unit**
  - **Solar System and Light Year Model**
  - **Expansion of Metal**
  - **Solar and Lunar eclipse model**
  - **Concepts of Season and Solstices model**
  - **Space Debris model**

and many more.

Students from the **KCSA academic batch 2025–26** also showcased projects on **Aero Modelling, STEAM education**, and innovative science experiments.

The event witnessed **over 1000 visitors** across the two days, which included teachers, school principals, parents, media personnel, and members of the scientific community. The fair was extensively supported by event partners **Labline, Mumbai** and **Rotary Club of Lonavala**, who sponsored cash prizes and hospitality.

### **Prize Distribution Ceremony:**

The Felicitation and Prize Distribution Ceremony began with the honoring of dignitaries and jury members. The jury consisted of **Dr. Shailendra Singh, Mr. Sandeep Gawali, Mr. Chinmay Jagadhani**, and **Mr. Iqbal**, who evaluated the student exhibits.

### **Individual Category Winners:**

- **First Prize (1500 Rupees cash, Trophy, Certificate):** *Disha Amol Jain* (Jain Public School) – *GPS Tracker & Medicine Reminder for Senior Citizens*
- **Second Prize (1000 Rupees cash, Trophy, Certificate):** *Jay Patkulkar* (Jivhala Susanskar VidyaMandir) – *Plastocopy*

### **Group Category Winners:**

- **First Prize (3000 Rupees cash, Trophy, Certificate):** *Harshal Mohan Boke & Nancy Singh* (Mamasahab Khandge English Medium School) – *Object Detection Radar System*
- **Second Prize (2000 Rupees cash, Trophy, Certificate):** *Sarthak Samadhan Parbat & Aryan Mahesh Khandekar* (Jivhala Susanskar VidyaMandir) – *Mars Rover Rocket Model*
- **Third Prize (1000 Rupees cash, Trophy, Certificate):** *Dhruva Ravindra Salunke & Aditya Jadhav* (Mamasahab Khandge English Medium School) – *Soil Moisture Detection*

### **Consolation Prizes: KCSA Merchandise**

- *Adarsh Hadpat & Team* (Adv Bapusaheb Bhonde High School) – *Remote Control Cleaner*
- *Pratik & Prem Waghmare* (Valvan College) – *Water Dispenser*

All other participants were honored with **Participation Certificates**. KCSA's own students were also felicitated for their outstanding internal exhibits under the guidance of faculty members.

### **Special Performances:**

A science demonstration on **Liquid Nitrogen (-196°C)** was conducted by **Mr. Iqbal**, KCSA Outreach Coordinator, showcasing how extreme cold affects physical matter. The event also featured a skit titled "*Science Saves the Day*" performed by KCSA's first-year students, delivering a strong social message on the power of scientific thinking.

## Acknowledgments:

We thank to the Trustee Board for their immense support and guidance during the event. The organizing team, including teachers, volunteers, faculty and Staff members **Mr. Zaffar Khan, Ms. Akanksha, Mr. Iqbal, Mr. Sandeep Gavali, Mr. Pramod, Mr. Chinmay, Mr. Rahul, Dr. Pushpendu Rakshit, Dr. Shailendra Singh, Mrs. Suvarna C, Mrs. Diptee P, Mrs. Deepali N, Mrs. Nalini C, Mrs. Suchitra P, Mrs. Ankita A, Mrs. Manasi Lo, Mrs. Unnimerry, Mrs. Shamal D, Mrs. Anandita S, Mrs. Sarika B, Mrs. Mandakini J, Mrs. Pingle S, Mrs. Jana G, Mrs. Prem D, Mrs Anadita, Mr Datta Bhau,** and others were sincerely appreciated for their tireless efforts in making the event seamless and impactful.

The formal **Vote of Thanks** was delivered by **Dr. Pushpendu Rakshit, Director KCSA**, acknowledging the support of dignitaries, sponsors, media, school authorities, and all participants.

## Closing:

The event concluded with a rendition of the **National Anthem**, led by Mr. Chinmay Jagadhani. The fair not only celebrated scientific knowledge but also ignited a spark of curiosity, creativity, and innovation among young learners, promising a brighter and more inventive future.































































