

5 New Near Earth Objects Discovered and Registered by Students of Dyal Singh Public School, Dyal Singh Colony, Karnal by NASA's International Astronomical Search Collaboration (IASC)

Asteroid search campaigns are run and managed by the International Astronomical Search Collaboration (IASC). Each year around 3,500 teams participate from more than 70 countries. Participants make important detections of Main Belt asteroids (MBAs) and occasionally of trans-Neptunian objects (TNOs). 44 Citizen Scientists of Dyal Singh Public School, Dyal Singh Colony, Karnal from Classes X to XII participated in NASA Citizen Science Program under the guidance of Dr. Kaveri Chauhan, Project Coordinator.

Image sets for general asteroid search campaigns were provided by the Institute for Astronomy (IfA) at the University of



Hawaii. Given clear and dark skies, the IfA uses the 1.8-m Pan-STARRS telescope located on Haleakalā to take images along the ecliptic where most asteroids are found. For special campaigns with experienced teams, image sets were provided by the Catalina Sky Survey (CSS) at the University of Arizona.

It is a colossal and stupendous moment as the students of our school have successfully detected 5 preliminary NEO (near earth Objects)out of 12 all over India under CB

Devgun Memorial Asteroid Search Campaign held from July 13th to August 7th , 2023 and received Certificate of Excellence for their remarkable contribution in searching the asteroids and near earth objects

On the occasion, Sh. D.K.Raina (President) and Vice Admiral Sh.Satish Soni, Chairman, Dyal Singh Trust Society, Karnal congratulated the students for their exemplary work and valuable contribution in the campaign. He also congratulated Mrs.

Sushma Devgun, Principal, Dyal Singh Public School, Dyal Singh Colony, Karnal for providing ample opportunities to its learners to grow and develop a broad range of competencies and skills to scale new heights and unveil new vistas of success. Dr. Rekha Malik , Principal Scientist, IIWBR-ICAR also congratulated the school for their team work and dedication and propelled everyone to work more and cherish the essence of this grand and glorious achievement.





IASC

International Astronomical Search Collaboration



Partner

First school to have 44 students who has achieved Citizen Science Achievement certificate from IASC and 5 students has identified 5 Near Earth Objects (NEO) under CB Devgun Memorial Campaign.





PRANJALI



ZINNIA



LAVANYA



ASHMIT



ANSHUMAN



KASHVI

IASC-ARYABHATTA



GORISH



TANISHQ



MRS. SUSHMA DEVGUN



DR. KAVERI CHAUHAN



AYUSH



SEHAJPREET



ANANYA



ARNAV



PULKIT



JAGRITY



DAIZY



AKSHAT



LAKSHITA



VARCHASVI



ANSH



ARSHIYA



YASH



AAKARSH



GURSHAAN



JASMINE



MRS. SUSHMA DEVGUN

TEAM APJ KALAM



Dr. KAVERICHAUHAN



GURASHISH



RIDHI



RIDHIMA



ADITYA



VASU



KRISHNA



AARUSHI



VAIBHAVI



SATAKSHI



AAKARSH



SAMAR



AKANKSHA



JIYA



AASTHA



MRS. SUSHMA DEVGUN



DR. KAVERI CHAUHAN

TEAM DSPS CV RAMAN



DIKSHA



DEVANSH



GARIMA



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AANYA

DSPS IN NEWS

- <https://fb.watch/mCRrvngyW/?mibextid=qC1gEa>
- <https://fb.watch/mD0YtVzJOA/?mibextid=v7YzmG>
- <https://abhiabhidigital.com/technology/future-scientists-of-karnal-discovered-asteroid/>
- <https://youtu.be/JWcLADNQnZI?si=by1dDRyZJcKXjyKC>
- <https://fb.watch/mFx6AMkzwJ/?mibextid=Nif5oz>
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