The Solar Decathlon India is conducted every year by the Indian Institute for Human Settlements (IIHS) and the Alliance for an Energy-Efficient Economy (AEEE) under the aegis of the Indo-US Science and Technology Forum (IUSSTF), an autonomous bilateral organisation jointly funded by both the Governments (The Department of Science & Technology, Government of India and the U.S. Department of State are the respective nodal departments on the two sides).

"It is an innovative platform that encourages and instils a healthy competitive spirit in youngsters by challenging them to think outside the box and use their ingenuity to design a net-zero niche. It was encouraging to see how inventive and imaginative solutions to global climate change challenges were presented at the finals," Chaitali Bhattacharya, Interim Director, IUSSTF, pointed out at the annual challenge for undergraduate and postgraduate students to develop innovative, net-zero energy-water and climate-resilient solutions for the building sector in India to combat Climate change.

Prasad Vaidya, Director Solar Decathlon India, said, "Some of these student teams have developed net-zero building designs that are at par with the work of best professional design teams in India. Within 9 months, these students could scale a very steep learning curve.

Student team partnered with real estate developers and develop affordable and industry-ready solutions for real building projects. It is a hands-on, practical, innovation-based challenge that moves the construction and real estate industry towards implementing net-zero solutions developed by students.

These final designs have to be innovative, affordable, practical, and market-ready.

#### **BUILDING DIVISIONS:**

In the 2022-23 Challenge, teams will compete in one of the following six Divisions. These building types propose unique and critical building problems that India faces. The teams will collaborate with the industry to work on regional, yet cuttingedge solutions to these problems.



ulti-Family
Housing

Single-Family
Housing







Resilience Shelter



ducational Office Building Building

On-site construction worker housing

#### **KEY STATISTICS:**

Participation from 1780 students and 126 academic institutions.

There were 36 finalists who competed by showcasing to the eminent jury (consisting of Architects, Developers & builders and Industry partners) at Infosys campus, Mysore on 25th to 28th May 2023.

Student teams presented net-zero solutions for 36 real building projects on the final day of presentation

12 teams (two from each of the above category) received the awards.

#### Team Green collars rose to be the winners of the educational building category

#### **EDUCATIONAL BUILDING CATEGORY**

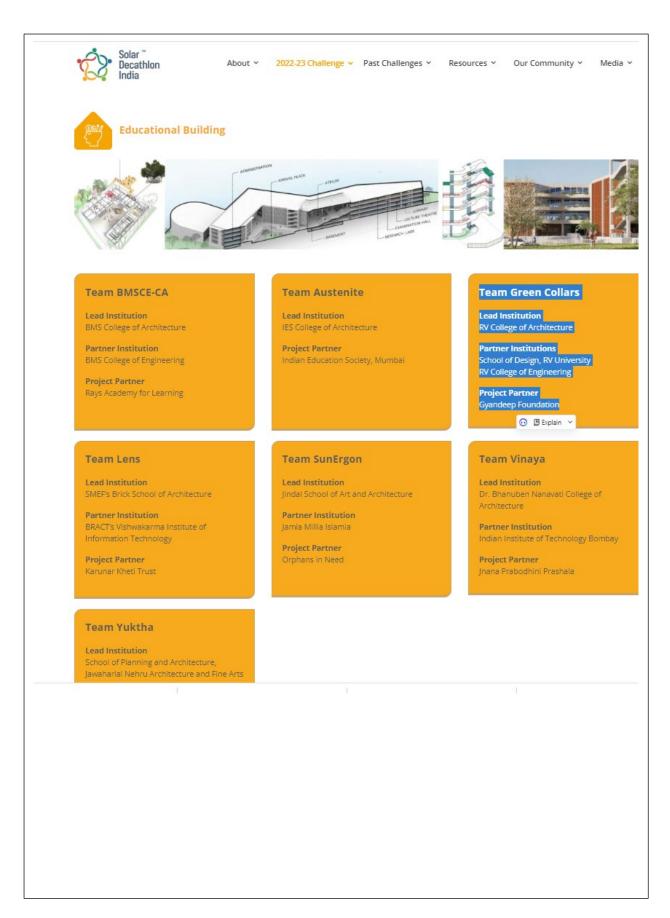
#### Winner:

Team **Green Collars** from RV College of Architecture (Twelve students), RV college of Engg. (One student), and School of Design, RV University (one student).

#### **Green collars Students from multidisciplinary areas:**

RVU - Dhatri - B.Des. Spatial design and interior design.

**RVCE - Rakesh - B.E.** Mechanical





### EDUCATIONAL BUILDING CATEGORY: Winner:

Team **Green Collars** from RV College of Architecture (Twelve students), RV college of Engg. (One student), and School of Design, RV University (one student)



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