

Cities are bursting at the seams. It is estimated that more than 50 per cent of the population will live in cities by the year 2020. The answer to meet the needs of a burgeoning population lies in developing infrastructure. Future cities India 2020 student design competition is an effort directed towards this end. What makes the competition

materials, using existing land and infrastructure and also plan separate parking zones at Paharganj and Ajmeri Gate terminals. Students used Bentley software to design a world-class railway station to accommodate the ever-growing number of commuters, while striking a balance between environmental concerns and surrounding infrastructure.



The winning team members from Manava Bharati India International School, Panchsheel (L to R) Ujjawal Gupta, Shwetank Choudhary, Sambit Ghosh and Harkeerat Singh along with their teacher.

## Catching 'em young

Future cities India 2020 student design competition, sponsored by Bentley and Ministry of Science and Technology, not only provided an opportunity for young students to come up with their innovative infrastructure designs but also increased their awareness of infrastructure design technologies.

so attractive is that it encourages Grade 11 students to design infrastructure projects. Launched by the Ministry of Science and Technology and Bentley in 2006, this competition is held every year.

This year's theme was to design for the rehabilitation of New Delhi railway station. Bentley provided software products and trained them with industry mentors; their teachers were also allowed to assist them in this endeavour. The task was tough but the response overwhelming. The competition was open to Delhi and the National Capital Region. Fifteen student teams representing 14 high schools participated in the challenge. The task was challenging and the teams had to work keeping in mind the dynamic aspects such as using environmentally friendly

### Treat to watch

The models on display took one's breath away. The innovative designs that the students came up with were of international standard. The three-dimensional designs were created using Bentley software. Suggestions of possible use of space with keeping the environment in mind with provision for parks, fountains, amphitheatre and landscaping showed the maturity and concern for environment as well as a modern design for a railway terminal.

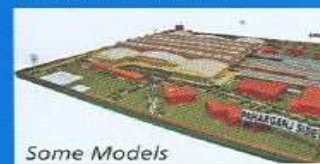
Manava Bharati India International School, Panchsheel was declared as the winning team for 2008-2009 Future cities India 2020 student design competition. The second place went to Amity International, Gurgaon. The winners were awarded scholarships and

trophies. Teachers, technical professionals and mentors were also given awards and tokens of recognition. The panel of judges consisting of experts from infrastructure domain selected Manava Bharati for their foresight in design.

The Future cities India 2020 competition is inculcating a drive and desire among student community towards infrastructure design. It is a laudable effort towards grooming the next generation of professionals. Scott Lofgren, global director, Be Careers Network, said, "For the third straight year the student participants in the Future Cities India 2020 competition have demonstrated an unwavering desire to remain on task and deliver high-quality projects aimed at sustaining India's cities. We are delighted to be a part of this wonderful programme." **BSI**

T P Venu

*The Future cities India 2020 competition is inculcating a drive and desire among student community towards infrastructure design. It is a laudable effort towards grooming the next generation of professionals.*



Some Models

