IIT Delhi Alumni Rally for IIT Delhi's Hostel Rebuilding Initiative

On May 30, 2024, the Bay Area IIT Delhi alumni community gathered for a special 'IITD Magic' Event Brings Bay Area Alumni together in Bay Area, USA. The event aimed to raise funds for the hostel rebuilding initiative.

Alumni from various batches came together to reminisce their hostel days and share memories. The event was a great opportunity for alumni to network and reconnect with each other.

In his second study, Dr. Gupta's team proposed a modification to Kirchhoff's law for microvelocity and graphene-based supercapacitors. This work, along with its findings from related projects within his group, could help revolutionize energy storage systems.

In his first study, his team explained the formation of stripes and spots on animal coats using mathematical tools to tackle interdisciplinary problems across biophysics and energy storage.

How You Can Help:

Graduate of Last Decade (GOLD) Award in 2022 visited campus recently. Director presented the award to Ankur Gupta (B.Tech, Chemical Engineering, 2012) who was selected for Graduate of Last Decade (GOLD) Award in 2022. Of Last Decade (GOLD) Award which he could not receive at 2022 convocation of IIT Delhi. Ankur Gupta, an IIT Delhi alumnus, is currently working at the Laboratory of Interfaces, Flow, and Electrokinetics (LIFE) at the University of Colorado at Boulder, has made two significant breakthroughs. He leads the Laboratory of Interfaces, Flow, and Electrokinetics (LIFE). His research leverages mathematical analysis of interfaces, fluid mechanics, and electrokinetic phenomena to develop new materials and devices for energy conversion and storage. Dr. Gupta's work has gained significant recognition, with over 40 international outlets covering it.

The research involved 10 congenitally blind children who gained sight through surgery later in life. Several months or years after their surgeries, these children showed higher color vision abilities compared to age-matched children with normal vision. This suggests that the late-sighted children's more mature color system at birth was affected by the absence of visual input. In contrast, age-matched children with normal vision did not exhibit such deficits. This research has implications for understanding the development of visual systems and the potential for visual rehabilitation.

Alumni led Venture Studio Course concludes successfully. The course provides an opportunity for alumni to mentor high school girls from underserved communities to pursue careers in science, technology, engineering, and mathematics (STEM). Alumni from various fields share their experiences and provide guidance. The course culminates in a demo day where students present their projects.

Inauguration of the Third Batch of STEM Mentorship Program for High School Girls. The mentorship program aims to provide high school girls with guidance and support as they navigate their academic and career paths. The third batch of participants and mentor pairs were introduced at the event.

The Entrepreneurship Development Cell at IIT Delhi, in collaboration with alumni, conducted a Venture Studio course for high school girls. The course provides an opportunity for girls to learn about the process of starting a business. Alumni from various fields share their experiences and provide guidance. The course culminates in a demo day where students present their projects.

In his second study, Dr. Gupta's team proposed a modification to Kirchhoff's law for microvelocity and graphene-based supercapacitors. This work, along with its findings from related projects within his group, could help revolutionize energy storage systems.

In his first study, his team explained the formation of stripes and spots on animal coats using mathematical tools to tackle interdisciplinary problems across biophysics and energy storage.

Highlights

- Success of IIT Delhi in the third edition of mentorship programme.
- Inauguration of the third batch of STEM mentorship program for high school girls.
- Alumnus Ankur Gupta presented Graduate of Last Decade (GOLD) Award.
- Inauguration of the third batch of STEM mentorship program for high school girls.
- Alumni led Venture Studio Course concludes successfully.
- Open House with IIT Delhi Alumni at Abu Dhabi Campus.
- Hyderabad Alumni Meet.