Texas A&M University Aerospace Engineering students participated in an exchange program with students from the Indian Institute of Technology Kanpur this summer. Five students from IIT Kanpur studied at Texas A&M University in College Station, while five students from A&M studied at IIT Kanpur.

**Projects**

Students were able to work on projects under the guidance of world-renowned aerospace engineering faculty at both institutions.

Projects worked on at IIT Kanpur included the areas of:
- Effect of Filler Volume Fraction on Fracture Behavior of Glass Particle Filled Epoxy Composites
- Social Issues in Contemporary Indian Women’s Memoirs
- Dynamics and Performance Analysis of Helicopters

Projects worked on at Texas A&M included the areas of:
- Open Loop Simulation of Control of Helicopter
- Uncertainty Propagation in Hypersonic Reentry Model
- Modeling of Piezoelectric Effects
- Modeling of Turbulence
- Feedback Motion Planning of UAVs

“I never thought I would learn so much, not just about aero engineering, but the people as well. Best experience of my life so far!” - Michael Young

“Doing research at IIT Kanpur was an amazing experience. I really enjoyed being immersed in the IIT culture.” - Sachin Subramanian
The exchange program has sparked an interest in students from both universities to pursue research at the “other” institution. It also created an avenue for Indian students interested in attending Texas A&M to meet American students and begin relationships before they arrive in the United States, and vice versa.

Students interested in participating in the program for the Summer of 2013 should contact Dr. Vikram Kinra at kinra@tamu.edu no later than November 15, 2012.

For further information, please contact one of the students who went to IITK last summer:
- Emily Boster (emily.boster@neo.tamu.edu);
- Sachin Subramanian (sachin_subramanian@neo.tamu.edu);
- Mike Young (mikesyoung@yahoo.com);
- Scott Slaughter (slaughter4622@neo.tamu.edu);
- Alison Elder (alielde@neo.tamu.edu).

Exploring

Time is given for the exchange students to travel and explore places many of them have never visited before.

Places visited in Texas
- Houston and NASA Johnson Space Center
- George Bush Library
- San Antonio River Walk

Places visited in India
- Delhi, India
- The Taj Mahal in Agra
- Lucknow and tourist attractions in the state of Rajasthan

“India was incredible. Being immersed in the culture and environment, along with the research and educational aspect, made for a truly wholesome experience” - Emily Boster

“India was an amazing experience and I want to go back there again. I learned so much from the research experience and also from the opportunity to travel and be immersed in the culture” - Alison Elder