



The Boeing Company  
P.O. Box 3707  
Seattle, WA 98124-2207

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16 November, 2016

Dr. Shantanu Bhattacharya  
Department of Mechanical Engineering  
IIT Kanpur

Dear Dr. Bhattacharya,

I am pleased to formally invite IIT Kanpur to participate in the 2017 Boeing Technical Externship Program.

The program is a student-oriented experiential learning opportunity designed to expose a select group of third year undergraduate engineering students 18 years or older to exciting career options in the world of aerospace engineering. The program is sponsored by Boeing Commercial Airplanes and Cyient Limited, and projects are performed at the Cyient facility in Hyderabad. In 2017, we are inviting seven universities to each identify two of their students for the program.

The student selections and criteria are the responsibility of the university, however applicants should be assessed for consideration based on their GPA and any other relevant university measures. In December, a phone conference will be conducted to understand the selection criteria the University plans to use and the schedule for advertising and selections.

**Program Dates and Details**

Orientation: 15 May, 2017

Project Dates: 15 May to 10 July, 2017

Work Hours: Monday thru Friday 9:00am to 6:30pm

Graduation: 12 and 13 July, 2017

Student Stipend (2): INR 45,000.00 for incidental costs and travel

Corporate Housing Provided by Cyient

Professor Stipend (1): INR 25,000.00 for travel costs to attend graduation

Attached are the 2017 program details to provide to prospective student applicants.

Sincere Regards,

Dr. Abhi Chakravarty, Senior Manager  
Global Engineering, Design Center and Strategy Integration | The Boeing Company  
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## Boeing Technical Externship Invitation Letter

### What is it?

The **2017 Boeing Technical Externship Program** is a student-oriented experiential learning opportunity designed to expose a select group of third year undergraduate engineering students to exciting career options in the world of aerospace engineering. The program is sponsored by Boeing Commercial Airplanes and Cyient Limited, and projects are performed at the Cyient facility in Hyderabad. Applicants will be assessed for consideration based on GPA and an essay.

### Externship Outline and Schedule

#### **15 May, 2017**

- Orientation
- Overview of Boeing and Cyient

#### **15 May to 10 July, 2017 (duration 8 weeks)**

- Perform projects (work hours: Monday thru Friday 9:00 am – 6:30 pm)

#### **12 July to 13 July, 2017**

- Program close-out
- Student project report out to Boeing, Cyient and university leaders
- Graduation celebration dinner

### Why should I participate?

- To acquire meaningful aerospace industry exposure to enhance academic studies.
- To gain a better understanding of the practical application of engineering and technology skills in aerospace.
- To be exposed to career options in the world of aerospace engineering in India.

### Who is eligible to apply?

IIT-Kanpur third year (going into fourth year) Bachelor of Engineering students (over 18 years of age) from any branch of engineering who have an interest in aerospace. **Two students will be selected for the 2017 program.**

### How do I apply / what are the selection criteria?

- Provide one page CV with CGPA alongwith a 05 pages essay on, "Additive manufacturing processes for development of components for the aerospace sector"
- Submit to IIT-Kanpur externship focal, Dr. Shantanu Bhattacharya, Professor, Department of Mechanical Engineering, by 20/01/2017, 4:00 pm at NL115X, Northern Lab 1, Manufacturing Science Laboratory, Department of Mechanical Engineering, Indian Institute of Technology, Kanpur or by email to [bhattacs@iitk.ac.in](mailto:bhattacs@iitk.ac.in). [Mark the subject as Externship program Application 2017]
- Students with a sound academic record, strong interest in the aerospace sector and excellent written and verbal communication skills will be selected.

### Industry project focused on aerospace

- Project report is publishable in the public domain.
- The students are not necessarily entitled to a job either at Boeing or at Cyient at the conclusion of the project period.
- A Master Project Agreement would be signed between Boeing and the University laying out all program guidelines.

- A student confidentiality agreement would need to be signed to protect any company proprietary information that the student may gain access to while working on the project.
- A faculty confidentiality agreement would need to be signed to protect any company proprietary information that the faculty may gain access to as a result of the student working on the project.

**How will the travel and housing be funded?**

A stipend of INR 45,000 per student will be provided. This covers travel and other incidental expenses during the externship period. Cyient will provide corporate housing.

**What should I do after I have been selected?**

- Sign legal documents and return to Boeing focal
- Make travel arrangements