



NALANDA

Global Technology Village Program

KPIT Cummins Infosystems Ltd.

Pune, India

Nalanda University was founded in 5th century BC in Bihar, India. Nalanda, in Sanskrit, means a giver of knowledge. It was a true international university since students from different parts of the world used to come to Nalanda. This was the first university in the world to introduce the concept of dormitories. At its peak of operations in 7th century AD, there were 5000 teachers for 10,000 students. It has been called as “one of the first great universities in recorded history.”

At KPIT Cummins, the Center for Research in Engineering Sciences and Technology, CREST, has taken the NALANDA initiative with the same spirit. NALANDA is a unique internship program for international students. Our objective is to facilitate sharing and exchange of ideas with students around the world.

In CREST, we believe in creating an atmosphere of innovation and spreading it. Students participate in many initiatives undertaken by CREST such as monthly technical seminars, lecture series by eminent scientists and the annual technical conference. Through interaction with the CREST team members, the students are exposed to a culture of innovation.

In the summer of 2008, we had students from the Universite Paul Sabatier from Toulouse, France. The students had a very good experience. They specifically mentioned that they found the people very helpful. Each of the students gained several things from the program. This gain ranged from understanding new technology, experience in software development, cultural exchange, and lasting friendship with the team.

When asked to give a rating to the Nalanda Program, they rated the program 9 on a scale of 10. In fact every single one of them expressed a desire to work with KPIT Cummins Infosystems Ltd. across the world.

KPIT Cummins Infosystems Ltd. is situated in Hinjawadi, Pune, India. Pune offers advantages of both a small and a big city. Smaller distances than in major cities ensure that logistics can be managed easily. Pune is also close to Mumbai, the financial capital of India. It has been at the centre of IT activity for the past decade. It's slowly becoming the hub of major IT-ITES (Information Technology-IT Enabled Services), BPO (Business Process Outsourcing) investments. Pune offers a blend of modernity and traditions. Students are welcome to come and soak themselves in the rich traditions and culture of India.

Selection Criterion for Nalanda:

- We are looking for interns with superior programming skills. Knowledge of 'C' programming language is essential.
- The NALANDA program caters to the third and final year undergraduate students. Preference will be give to graduate students. Project work for graduate students would be more research-oriented whereas for undergraduates it will be project-oriented.
- The students can be from any of the following disciplines: Computer Science, Computer Engineering, Engineering Physics, Electrical Engineering, and Automotive Engineering.
- Interested students should attach a recommendation letter by a Professor.
- All students must have
 - Research aptitude,
 - The ability to work independently and
 - Good communication skills.

In case, a student is interested in six months to a yearlong project experience, we are also willing to explore the possibility, especially for graduate students.

What We Cover:

We cover the following during the stay of the students in Pune, India:

- Accommodation in our Guest House
- Stipend of Indian Rs, 18,000 per month.
- USD 1000 towards round-trip air fare from the US to India
- Pick up and drop from Mumbai airport to Pune, KPIT Guest House and back

Software Development Projects Offered:

We offer software development projects in the following areas:

1. Vehicle detection from a live scene
2. Porting of algorithms into embedded platform (related to automotive domain)
3. Development, porting and testing of algorithms on a simulation car
4. Development of algorithms for parallel computing
5. Development of GUI for a project related to automotive domain.

More Information:

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