



WORK OFFER

Ref. No. IN-2021-D1402-MJ

Employer Information

Employer: Manipal University Jaipur
Research and development
Manipal University Jaipur
303007 Jaipur
India

Website: jaipur.manipal.edu

Location of placement: Jaipur
Nearest airport: Jaipur Airport
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 450
Business or products: Education

Student Required

General Discipline: MECHANICAL ENGINEERING
Field of Study: .Engineering Mechanics., Mechanical Engineering.

Completed years of study: 2
Student status requirements: Required throughout the Internship
Language required: English Excellent (C1, C2)

Required Knowledge and Experiences:
Knowledge in ANSYS and CAD Modelling is required.

Other requirements:
The trainee should bring a laptop for the entire Internship period.

Work Offered

The project will essentially concentrate on evaluating the performance of Nylon based gears manufactured by different manufacturing processes. The stress determination depends on many different coefficients that allow for proper consideration of real working conditions. The standardized procedures are based exclusively on the experimental testing of the reference gears. Various modifications (tip relief, asymmetric) are compulsory for different gear pair requirements, e.g., lower noise and vibration, equal and increased strength, etc. The effect of these modifications is considered in the standards by the load distribution factor. An approximation prevails to load distribution factor for different types of modifications. The intern is expected to present a detailed study on the consideration of load distribution factors to find bending fatigue. A comparative analysis will also be carried out.

If the intern wishes to work from home:

1. The intern needs to devote at least 5 hours per day to develop tasks.
2. Weekly meetings will be set up to follow up on the work's progress using suitable online platforms.
3. The intern shall be provided with the existing resources.
4. Due to the time zone difference, the intern is expected to be flexible with meeting timings.

Number of weeks offered: 10 - 12
Working environment: Research and development
Within the months: 01-JUL-2021 - 30-SEP-2021
Gross pay: 5000 INR / Month
Or within: -
Deduction to be expected: 0%
Company closed within: -
Payment method / time of first payment: Cash /

Latest possible start date:

Accommodation

Canteen at work: Yes
Expected type of accommodation: Student dormitory
Estimated cost of lodging: 0 INR / Month
Accommodation will be arranged by: IAESTE India LC MUJ
Estimated cost of living incl. lodging: 5000 INR / Month

Additional Information

The option of Work from Home is available for this offer. If the intern chooses to work from home, the available dates of the internship are from July 2021 to November 2021, and there will be no stipend provided. However, in the case where the intern opts to intern at the employer's address, a stipend will be provided for the period of internship with respect to the dates mentioned in the Work Offered Field.

This is to be considered an 'Early AC Offer'. IAESTE India will expect an offer in return from the accepted student's country.

Nomination Information

Deadline for nomination: 15-MAR-2021

Date: 23-JAN-2021
On behalf of receiving country: C Mrinal Ganapathy



IAESTE INDIA

Declaration

Name:

Offer Number:

Country:

Preferred mode of internship: Conventional

Remote

I hereby declare that I am willing to pursue my internship in obedience to the above-selected mode.

Date (dd/mm/yyyy):

Signature:

Note: The candidate must include this form as the last page of the nomination document for hybrid offers.

INTERNSHIPS

OFFERED THROUGH IAESTE INDIA LC MUJ

Manipal University Jaipur (MUJ), situated in the desert state of Rajasthan, is an oasis of education and has a sprawling new campus with opportunities spread across disciplines. MUJ has redefined academic excellence in the region with the Manipal way of learning, one that inspires students of all fields to learn and innovate through hands-on practical experience. MUJ boasts of its world-class infrastructure, including state-of-the-art research facilities and a modern, digital library. In line with Manipal University's legacy of providing quality education to its students, the campus uses the latest technology to impart education and render an excellent working environment.

Our reception events:

The Himalayan Challenge:



The Himalayan Challenge is the flagship event of LC MUJ, organized for our adventure-seeking interns. A week full of electrifying adventurous activities and treks amidst the magnificent Himalayan ranges, socializing, partying, stargazing, and making memories of a lifetime – this is what we plan to offer to all the incoming interns who would be joining us on this expedition. Equipped with expert trekkers and guides, so you receive first-hand information and unique insights about the Himalayas. You will also be a part of the out-of-the-box events organized like yoga, starry bonfires, and Bollywood party nights. Other activities that are equally fascinating are getting familiar with the culture and heritage, trying out new delicacies, and visiting various monasteries and temples. Escape into the mountains and find yourself, soak in the adventure as you make unforgettable memories of the best summer of your life!

International Cultural Evening:



It's an evening showcasing the diversity of various regions of India through their indigenous dance and folk music performed by various clubs of Manipal University Jaipur. This event will take the interns on a spectacular journey and will allow them to experience the exquisite and rich culture of India. The interns will be introduced to the Vice-Chancellor of Manipal University Jaipur and will be honored in the authentic Rajasthani style by presenting them with Safas and Dupattas. The interns will also be felicitated for their dedicated hard work under the guidance of their mentors.

Cross Culture Culinary Event:



Scrumptious? Appetizing? Exquisite? Mouthwatering? Delightful? Voluptuous?

These are nothing but just words compared to the heavenly cuisines that our interns will get a chance to make in the Cross Culture Culinary Event. In this event, our interns will cook their favorite dishes from their country with the help of the state-of-the-art kitchen at MUJ and students of the Hotel Management Department. The food will be judged by the management of MUJ, followed by a gala lunch and cultural event.

And many more...



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REMOTE INTERNSHIPS

OFFERED THROUGH IAESTE INDIA

IAESTE India is now offering remote internship opportunities through our partner universities. These universities are among the top-ranked institutions in the country and each internship will be closely supervised by an experienced professor.



Communication between trainee and guide will be through Online platforms such as Skype, Microsoft Teams, Google Meet etc. The guide will be in touch regularly to discuss the project and ensure a positive learning outcome.



Majority of the softwares/packages used for the projects will be open-source else licenses will be provided.



All the offered projects are industry-relevant and are great for enhancing domain-specific skill sets.



There is also a possibility of the trainee being able to contribute to a research publication.



Trainee will receive an IAESTE Certificate post the successful completion of the in internship.



Trainee will be a part of various remote events such as Scavenger Hunt, Bollywood Night, Talent Night, Virtual Tour, Games Night, etc. organized throughout their internship.



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