Training Notification Form, IIT Delhi

Company Overview

Name: Jaguar Land Rover India Limited

Website: www.jaguar.in/www.landrover.in

Company Type: Core (Technical)

Description: Innovative. Trusted. Pioneering. These three qualities have always summed up Jaguar Land Rover. They have been encapsulated within the performance, luxury and excellence of all our products. They are what every person working for us lives and breathes. From creating intelligent hybrids to building driverless vehicles, evolving existing technologies to discovering new energy storage, our ambition for the future of our vehicles and the industry beyond is endless.

Project Details

Designation: Mechatronics Intern

Type: Core (Technical)

Location: Bangalore

Project Details:

About JLR:
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Brief Description about the role:
Mechanical and Mechatronics are at the heart of Automotive Engineering. Core of our role is to create, integrate, and release various systems of our cars, which you can touch and feel. Some of the areas we work in are:
• CAE (vehicle dynamics, crash), and digital engineering
• Chassis and motion control systems
• Climate control systems
• Seating and structural integration
• Lighting systems.
The purpose of the internship program is:
• To offer interns the opportunity to complement university education.
• To provide practical experience and technical, cultural, scientific and relationship improvement.
• To identify, attract and develop interns with potential to hold future positions within Jaguar Land Rover.
As an intern you will be matched with an experienced engineer who will mentor you for the duration of internship. You will have an opportunity to influence the evolution of JLR products. Your design and innovative mindset will contribute to solving some of the most complex technical challenges in the area of dynamics and control; system and logic architecture development; process automation; benchmarking, data analysis, etc.
What to expect?
You will work in Body and Chassis function, with mentors who are at the forefront

You will work in Body and Chassis function, with mentors who are at the forefront of their field. JLR believes the best training can be had, when you are working on live programs. You will have an opportunity to make tangible, strategic contributions to the company's success even within the short 8-10 weeks of internship.

In addition to working on impactful assignments, you will have the opportunity to engage with fellow JLR engineers for both professional and personal development, expand your professional network, participate in activities with other interns, college seniors throughout your internship. You will get to work with teams that drive product strategy and collaborate closely with engineering development and cross-functional teams to define and deliver on the next vehicle programs.

Who we are looking for:

Our cars are the embodiment of our approach to life. We believe in making every day extraordinary; that life is about feelings, not just figures. We feel the same about the people we hire.

First, you need to be passionate and motivated to contribute to the business growth and on-going success. Beyond that, we value resilience, a sense of responsibility, a willingness to learn, keen problem-solving skills and the ability to work with others.

Our people are amongst the most talented in their field. Working alongside them, you'll play your part in developing advanced products in a company that's committed to building on every aspect of its success.

We're looking for individuals who have taken the time to think about who we are and what we're looking for. Our selection process is aimed at showcasing the best of your skills, expertise and personality.

Key Performance Indicators

• Willingness and ability to learn
• Work seamless in teams within and outside JLR (e.g., Hardware Partners, Suppliers)
• Ability to work independently
• Communication skills
• Work discipline

Key Accountabilities and Responsibilities

• Provide support to create, integrate and deliver reliable electro-mechanical/mechanical engineering components/systems
• Integrate electrical and mechanical systems to realise automotive functions
• Develop and execute innovative electro-mechanical concepts for new product lines
• Develop software and procedures to control automotive tasks
• Design and prototype mechatronic devices with motors, solenoids, gears, sensors and springs test case development for coverage and functional testing of automotive applications
• Work with a multi-disciplinary engineering development team that includes application engineering, controls engineering, mechanical design, control hardware design, and test/validation in an Agile fashion.
• Keep informed on emerging new technologies to advance our architecture/technologies to support current and forward model vehicle programs.
• Design and execute test cases for unit, function, subsystem testing and acceptance testing
• Benchmark and optimize the performance of new and existing units
• Adhere to department's quality targets and participate in best practice discussions
• Undertake any other work as directed by line manager as may be requested from time to time

Knowledge, Skills and Experience

Essential:

• Candidates must have completed 6th semester (entering final year of their undergraduate program) in Computer Science. Electrical, Electronics & Communication Engineering OR related technical field OR equivalent
• Dual degree program candidates must have completed 8th semester (entering final year of their dual degree program) in the aforementioned areas are also eligible to apply

• Minimum 6.5 CPI
• Have a passion for electric mobility and automotive engineering
• Working knowledge of the principles of mechanical and mechatronics engineering.
• Exposure to Matlab/Simulink environments
• Basic software debugging skills
• Effective technical documentation skills
• Creativity and a willingness to learn
• Excellent technical and problem-solving skills
• Excellent communication and teamwork skills
• High level of self-motivation
• Keen interest in new technology development
Personal Profile
Essential:
• Demonstrated excellent academic and leadership during school and college education
• Electronics related experience during Internship
• Freely and proactively shares knowledge with others
• Displays a proactive willingness to volunteer for work elements / projects outside job scope where the individual can contribute, and it is a company priority
• Acts with freedom to take on and resolve technical challenges
Desirable:
• Strong academic indicators e.g., NTSE, KVPY scholars, Olympiads

Stipend Details

Stipend:	80,000 INR Per Month
Accommodation:	Yes
Travel Expenses:	Yes
Perks / Bonus:	Food+Accommodation+Travel

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Personal Interview:	Yes
No. of Offers:	3

Eligibility

Diversity Recruiting:	No
Eligible Years:	Graduating in 2025 (Pre-Final Year Students) - B.Tech / Dual / Master's
Eligible Departments:	B.Tech in Engineering and Computational Mechanics, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering