

Internship Notification Form, IIT Delhi

About Organisation

Name of Company:	Jaguar Land Rover Technology and Business Services India Limited
Date of Establishment:	2024-08-14
Number of Employees:	600
Social Media Page Link:	www.jaguar.in
Website:	www.jaguar.in
Type of Organization:	Private
Nature of Business:	Core Engineering & Technology

Internship Profile

Job Title:	EV-Materials Intern
Job Description:	<p>Electric Drives are the key discipline areas in the development of hybrid and electric vehicles. Members of this Team will engage in the design and development of materials technology to improve Jaguar Land Rover's capability to deliver the next generation Electric Powertrains.</p> <p>Our engineering graduate program has been designed to be just as inspiring as the cars you'll help produce. This is an accelerated program for engineers to develop a broad exposure as well as depth in application of materials in Electric Powertrain through innovative projects, intense technical & leadership trainings and mentorships.</p> <p>The engineer will typically plot out the various aspects of the tasks that will be necessary, usually using design documentation and flowcharts to help illustrate the process. You will be an integral part of shaping JLR's next generation vehicle programs. In this role, you will contribute to the mission of delivering most innovative solutions in the field. You will be part of the team that drives product strategy and collaborate closely with engineering development and cross-functional teams to define and deliver on the next vehicle programs. Join us in this pioneering area, and it will be your ideas and expertise setting the benchmark for automotive innovation across the globe. Final Placement upon successful completion graduate program shall be based on requirements, performance and individual's aspiration.</p> <p>GEET role demands dynamic individual who can adapt to constantly changing environment, executing and successfully delivering time constrained and intensive automotive programs. Working closely with numerous cross functional teams, partners and supplier groups is key.</p>

What to expect?

You will get a chance to work 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 –pretty much right from the day 1.

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

- Primary responsibilities include selection and specification of materials and processes involved in the design and manufacture of parts in following areas for Automotive applications is required:
 - Polymers / Elastomers, Electrical Steels, Permanent Magnets, Metals
 - Adhesives
 - Surface treatments incl. Chemical & Electro-Chemical Processing (e.g., anodizing, plating, shot peening, specialty coatings & treatments, lubrication, etching)
 - Composites
 - Non-Destructive Testing
 - Mechanical Testing
 - Coatings
 - Lubricants and coolant mediums
- Benchmark competitive products and identify design alternatives.
- Review product requirements with design engineers and recommend applicable materials specifications to meet product design requirements and reliability goals.
- Identify new material opportunities that will lower product cost, increase product performance, or increase product sustainability.
- Define and execute testing and evaluation of materials to determine performance and drive material selection.
- Define and execute compatibility test of different materials used on Electric Drive Units.

Knowledge, Skills and Experience

Knowledge, Skills and Experience

Essential:

- Bachelor's degree in Materials Engineering/ Material Science, Metallurgy engineering.
- Minimum 6.5 CGPA in bachelor's degree
- Have a passion for electric mobility and automotive engineering
- Working knowledge of Metals, Non-metallics, lubricants
- Exposure to advanced manufacturing techniques, including microfluidics, additive manufacturing, elastomeric compounding, and polymer or metal processing
- 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

Minimum No. of Hires:	1
Expected No. of Hires:	1
Location(s)/Place of Posting/Online:	Bangalore
Skillset:	Materials dept
Minimum CGPA:	6.5
Students with backlog eligible:	No

Selection Process

Resume Shortlist:	Yes
Mode of Selection:	Virtual
Resume shortlisting before test?:	No
Test:	Yes
Mode of Test:	Online
Test duration (minutes):	120
Aptitude/Psycometric:	Yes
Technical:	Yes

Group Discussion:	No
Personal Interview:	Yes
Technical Round:	No
HR Round:	No
Medical Test:	No

Eligible Academic Programs

Diversity Recruiting:	No
Eligible Years:	Graduating in 2026 (Pre-Final Year Students) - B.Tech / Dual / Master's
Eligible Departments:	B.Tech in Chemical Engineering, B.Tech in Materials Engineering, B.Tech and M.Tech in Chemical Engineering

Stipend Details

Stipend (per month) (In INR Per Month):	100,000 INR Per Month
Accommodation:	Yes
Any other perks/ benefits/ components:	Accommodation allowance and Relocation support
Provision of PPO based on performance?	Yes
Tentative CTC for PPO select:	INR 2,352,000 INR Per Annum