

Vijay Balaji R

vijaybr@iitk.ac.in • +91-9176784135 • <https://www.linkedin.com/in/vijay-balaji/>



EDUCATION			
Degree/Qualification	Institution	CGPA/Percentage	Year
MBA (Expected April 2021)	Indian Institute of Technology, Kanpur	N/A	2019-Present
B.Tech (Mechanical Engg.)	SASTRA UNIVERSITY	8.23	2012-2016
HSC (12 th)	D.A.V Boys Sr Sec School, Lloyds Road Chennai	90.0	2012
SSC (10 th)	Sree Narayana Mission Sr Sec School. Chennai	9.0	2010

WORK EXPERIENCE	
L&T Technology Services Engineer	Chennai November 2016-May 2019 • 29 Months
Project: Vestas-L&T TS. Mechanical Design Engineer- Accessories and Maintenance Technologies	
<ul style="list-style-type: none">▪ Designing of Pathways, access doors, platforms, mounting brackets for lifting equipment etc.▪ Managing Design BoM▪ Creation of Manufacturing Drawings	
Project: Competence development in Multi Body dynamics Simulation	
<ul style="list-style-type: none">▪ Built Multi Body Dynamics Simulation Competence development team to analyze Wind turbine drive train Vibration▪ Led a team of three to conduct Vibration Analysis using MBDSimulation in order to integrate a new gearbox supplier (NGC) into 2MW Platform of Vestas.▪ Successful completion of the project led to further business engagements with Vestas, thereby opening up new business opportunities worth USD 250,000- High Flyers Success story	

ACADEMIC PROJECT	
TATA Motors Ltd., Pune,	<ul style="list-style-type: none">▪ Finding Root Cause for TATA STORME Parking Brake Failure Using QC Story Methodology.
Ashok Leyland Ltd., Technical Centre Chennai	<ul style="list-style-type: none">▪ Design a Test rig to perform flywheel spin/Burst test as per SAE J1240 and J1456 standards.

ACHIEVEMENTS	
L&T TS	<ul style="list-style-type: none">▪ Certificate of Distinction- Amongst the top 10 Success stories of the organization in the year 2017
SASTRA UNIVERSITY	<ul style="list-style-type: none">▪ Dean's Merit List top 10% (CGPA based) in the academic year 2013-2014▪ Dean's Merit List top 10% (CGPA based) in the academic year 2014-2015▪ Won Idea Presentation on Design of Heat Exchangers, Conducted by ISHRAE Student Chapter SASTRA UNIVERSITY

OTHER INTEREST AND HOBBIES
Cricket • Badminton • Following Tennis