

# ESHITA NANDI

M.S by Research

Department of Applied Mechanics and Biomedical Engineering  
Indian Institute of Technology, Madras

9604027126

am25s020@smail.iitm.ac.in  
0106eshita@gmail.com

<https://www.linkedin.com/in/eshita-nandi-7114b1200>

## ABOUT ME

An enthusiastic self-starter with strong leadership and communication skills. Proven academic curricular achievements and possess the right technical and soft skills required to propel the organization achieving its goals and objectives.

## EDUCATION

- 2017 - 2021**  
Savitribai Phule Pune University  
**B.E Mechanical Engineer**  
JSPM's Rajarshi Shahu College of Engineering  
CGPA : 8.62
- 2015 - 2017**  
Maharashtra State Board  
**Higher Secondary Certificate**  
% MARKS : 80
- 2014- 2015**  
Maharashtra State Board  
**Secondary School Certificate**  
% MARKS : 92.8

## EXPERIENCE

- 2021 - 2023**  
**TATA CONSULTANCY SERVICES**  
Worked as Assistant System Engineer in TCS  
Project: CITI Bank.US Retail FIS Base Service.  
Application: TS/GN (Transaction System), ALS (Advanced Lending system), IM, CH, ST

## SOFTWARE SKILLS

- MSC ADAMS
- Catia v5
- ANSYS
- Programming Language: Python, C, C++
- LOTUS Shark
- Autodesk Fusion 360
- MATLAB
- MS Office: MS Excel, MS Word, MS PowerPoint

## FORMULA STUDENT CAREER

### 1. First Year:

- Participated in the SUPRA SAE INDIA Competition and member of Vehicle Dynamics System.
- Represented Cost and Manufacturing Event at SUPRA SAE INDIA Competition

### 2. Second Year:

- Technical Lead at Formula Student Team Redline Racing.
- Designed Suspension Subsystem for Formula Student Car.
- Cost and Manufacturing Event Lead for SUPRA SAE INDIA Competition

### 3. Third Year:

Worked as a Finance and Marketing Lead at Team Redline Racing.

## B.E PROJECT

- Design and Manufacturing of "**Double Wishbone Direct Actuating Suspension System**"

## RESEARCH PAPER

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- **Design and Analytical Calculations of Double Wishbone for Formula Student Race Car**

[https://www.researchgate.net/publication/345665768\\_Design\\_and\\_Analytical\\_Calculations\\_of\\_Double\\_Wishbone\\_for\\_Formula\\_Student\\_Race\\_Car](https://www.researchgate.net/publication/345665768_Design_and_Analytical_Calculations_of_Double_Wishbone_for_Formula_Student_Race_Car)

Published on : September 2020

- **Cost-Efficient Electric Bike as a Sustainable Transportation Alternative for Delivery of Goods**

<https://www.ijert.org/research/cost-efficient-electric-bike-as-a-sustainable-transportation-alternative-for-delivery-of-goods-IJERTV10IS090070.pdf>

Published on : September 2021

## AWARDS AND ACHIEVEMENT

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- Gold Medallist in State Level Drawing competition conducted by Maharashtra Foundation.
- ISO certified PICASSO ART CONTEST award in SPARKLING IMAGINATION 2018.
- **AIR 3** in Supra SAEINDIA 2019.
- **AIR 2** in Engineering Design Event in Supra SAEINDIA 2019.

## TRAINING AND CERTIFICATION

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- Certificate of participation in Fantastic Four Robotics workshop held at College of Engineering, Pune on 16th and 17<sup>th</sup> September 2017 organized by MINDSPARK17.
- Certificate for participating in ECOBOTICS under Tantrotsav 2018 organized by D. Y. Patil College of Engineering, Akurdi, Pune-44.
- Workshop on Critical Thinking & Reasoning during KPIT SPARKLE 2019 Grand finale at Pimpri Chinchwad College of Engineering, Pune on 23<sup>rd</sup> February 2019.
- Workshop on Electrified Vehicles and Their Energy Management during KPIT SPARKLE 2019 Grand finale at Pimpri Chinchwad College of Engineering, Pune on 23<sup>rd</sup> February 2019.
- Python Hands on Training for 30 hours certification course in September 2019 in JSPM's Rajarshi Shahu College.
- Organized Rev and Drive event in State Level Technical Symposium INNOVISION 2020.
- Volunteered a National Level Inter-College Project Competition in Association with SAE.
- 1 week workshop on "ISO certified Hands on training on Retrofitting of Electric Vehicle" by DIYGuru in Jan 2020.
- FACE Training of 72 hours by FACE PREP in 2020.

## SOFT SKILLS

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- Communication
- Time management
- Fast adopting nature
- Teamwork

## PERSONAL INTEREST/ACTIVITIES

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- Languages known : English, Hindi, Bengali, Marathi
- Hobbies : Drawing, Dance, Sports, Acquiring new skills