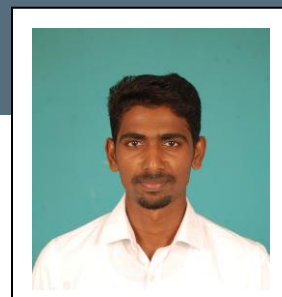


# Naveen E



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## Objective

To be a part of reputed organization which provides a steady career growth along with job satisfaction, challenges and give value contribution in the success of organization.

## Work experience

Previous : **Jayashree Polymers Pvt. Ltd**, Pune as GET in R&D(1<sup>st</sup> June 2018 – 9<sup>th</sup> September 2019).

Present : **Apollo Tyres Ltd**, Chennai as Executive in Plant technology(11<sup>th</sup> September 2019 -present)

## Skills sets

- Rubber compounding
- New Product Development
- Material Research & Validation of Polymers
- Failure Analysis of Polymers (Rubbers, Plastics)

## Core Competencies

- Strong extrusion knowledge in process proving of tyre extrusion components (triplex and duplex) and trouble shooting.
- Strong technical knowledge in Anti-vibration & Fluid Transmission system rubber products.
- Managing performance and durability equipment like UTM, Impulse Testing Machine, Dynamic Shaker, Bush Endurance Tester, Cleanliness, Vacuum collapse, Impulse test, Burst pressure, Static / Dynamic stiffness & etc.
- Developing research for new processes or materials processing technologies for possible new product development.
- Monitoring and performing material and Compound level tests like tensile and tear strength, compression set, aging in air, oil, fuel, ozone, ODR, MDR, MV & etc,
- Managing the knowledge of International (**ASTM, ISO, SAE etc.**) & Customer specific standards (**TL, DBL, GS & etc**).
- Declaring Material safety to all type of customers through International Material Data System (**IMDS**).

# Significant Projects:

Successfully developed compound & Ongoing projects for,

1. Process proving of triplex tread and side wall extrusion.
2. Tread weight variation reduction by controlling the mill bank.
3. NR damper for M/s. Volvo.
4. Silicone O-ring for M/s. Wabco
5. EPDM fuel hose for M/s. Audi
6. EPDM colored grommets for M/s. BMW.
7. High tensile NR bush for M/s. Yamaha and M/s. TVS.

## Education

<b>2018</b>	<b>B.Tech (Rubber and Plastics Technology) with 73%</b> <i>Madras Institute Of Technology – Chrompet, Chennai-44</i>
<b>2014</b>	<b>HSC – state board with 93%</b>
<b>2012</b>	<i>Rajiv Gandhi National Matriculation Higher Secondary School – Nattarmangalam.</i> <b>SSLC – state board with 90%</b> <i>Rajiv Gandhi National Matriculation Higher Secondary School – Nattarmangalam.</i>

## Internship

**Summer 2017** I did a 2- month internship in **IIT- Madras** on soy protein adhesive under the guidance of Dr. Abhijit Deshpande during the months of May to June 2017.

## Areas of interest

- Tire Technology
- Rubber Compounding
- Rubber Processing and Testing
- Polymer Characterization

## Academic projects

- **Solid state chemical modification of NBR** at Madras Institute of Technology, Chennai during the months of January to March **2018**.
- **Understanding of bloom in EPDM** at Madras Institute of Technology during the month of December **2017**.
- **Role of in-situ gas phase desulphurization in regeneration of scrap rubber** at Madras Institute of Technology, Chennai during the months of September to November **2017**.
- **Polymeric tackifiers** at Madras Institute of Technology during the months of August to October **2017**.

# Industrial Training & Visits

- Apollo tyres Ltd, Perambra,Kerala, **Bias tire manufacturing** (15 days).
- Rubber Training Institute,Kerala,**Rubber Products Manufacture and testing** (10 days).
- Arun plasto molders, Chennai, **Plastic parts manufacturing**(8 days)
- Alfa rubber and spring pvt.ltd,Gummidipoondi,**O-Ring, Fuel Seal & Rubber Seat Manufacturing** (1 day).
- Indian Rubber Products (IRP),Guduvanchery,**Hose & Engine Mount Manufacturing**, (1 day).
- St. Marys Rubbers Pvt. LTD. Kottayam,**Medical Glove Manufacturing**, Kottayam,Kerala, (1 day).

## Skills summary

### Communication skills

- Able to read, write, speak in both Tamil and English.
- Able to speak Hindi.

### Software skills

- Auto CAD, Microsoft word, Power point, Excel

### Organizational Abilities

- GENERAL SECRATERY of SPART-Society of Plastics and Rubber Technology (department's association) during the year of **2016**.Responsibilities include planning for symposium events and organizing.
- Organizer in **National Sports Organization** (NSO) of Anna University during the year of 2015.

## Achievements

- Represented my college **HOCKEY TEAM as a captain** form the period of 2017 to March 2018 and also taking part in a well-disciplined hockey club.
- Secured 1<sup>st</sup> place in **college zonal tournaments** (HOCKEY MEN) held at SAIRAM INSTITUTE OF TECHNOLOGY on 5 September 2017.
- Played several college zonal tournaments and got **CERTIFICATE OF MERIT** for 2<sup>rd</sup> prize held at SAIRAM COLLEGE OF ENGINEERING on 10 February 2017.

## Personal details

- **Father's Name** : G. Elanchezhiyan
- **Date of birth** : 07 July 1996
- **Nationality** : Indian
- **Strength** : Able to manage people, positive mind
- **Hobbies** : Playing Hockey, photography

## Declaration

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

**Place** : Chennai  
**Date** : 11-04-2021

(Naveen Elanchezhiyan)