



Madhan Kumar.M

C4 -MAV SAND STONE APARTMENT, KARANAI PUDHUCHERRY , URAPAKKAM,
CHENGALPATTU DISTRICT , TAMILNADU , INDIA , 603202.
+917299936383 | madhanprabakar96m@gmail.com

Education

- DG VAISHNAV COLLEGE (AUTONOMOUS) -AFFILIATED TO UNIVERSITY OF MADRAS.**
M.Sc Chemistry
FIRST CLASS 2017-2019
- DG VAISHNAV COLLEGE (AUTONOMOUS) -AFFILIATED TO UNIVERSITY OF MADRAS.**
B.Sc Chemistry
FIRST CLASS 2014-2017

Experience

- MIDAS BUTYL PRODUCTS INDIA PVT LTD.,** NOV 2019 - TILL NOW
CHEMIST

Experience in Butyl Products

(Curing Bags, Envelopes and Flaps)

1. Compounding Formulation
2. Mixing inspection (Master Batch Specific Gravity)
3. Rheological studies (Cure time, Mooney & Scorch time)
4. Physical properties (Hardness, Tensile, Modulus, Elongation, Tear strength, Swell index & Tension Set)
5. Production inspection (Gauge Analysis, Valve Adhesion, Valve Pullout Strength, Ash test, Dispersion & Porosity)
6. Trial Mixing for Compound development (Butyl & Halo Butyl)
7. Documentation of R&D (Test Report for Domestic & Export)

Experience in Natural Rubber Products

(Treads)

1. Rheological studies (Cure time, Mooney & Scorch time)
2. Physical properties (Tensile, Modulus & Tear strength)
3. Documentation

Projects

- Synthesis of co-polymers**
Synthesis of co-polyester polymer and their metal composite with UV and NMR studies.

Skills

- Ms-office Basics
- Instruments handling -UTS & MDR

Internship

- One month program at ONGC -Cavery Basin Chennai (2018)

Certificate Program

- Fundamental and use of Tamil Computing (2017)

Achievements

- Participated in 50+ state level tamil oration competition and getting four state awards.

Language

- *TAMIZH *ENGLISH

Reference

- **Dr.Vanjinathan, M.Sc,M.Phil,Ph.D - "DG VAISHNAV COLLEGE -AFFILIATED TO UNIVERSITY OF MADRAS. "**
Assistant Professor
mvanjinathan@gmail.com
+91 9444137499
- **T.AUGUSTINE ARUL PRASAD M.Sc., Ph.D - "DG VAISHNAV COLLEGE -AFFILIATED TO UNIVERSITY OF MADRAS. "**
Assistant Professor
augustineap@gmail.com
+91 9444278265

Objective

Seeking a position to utilize my skills and abilities with an organization that offers professional growth while being resourceful,innovative and flexible.