

S. Harini

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Objective

To work in an organization that gives progressive scope to my knowledge and skills where I can contribute with hard work and dedication and also get good career growth.

Experience Summary

- Working as Development Engineer at **R&D** center of **Cori Engineers Private Ltd** Chennai (IGP group) from Sep 2020.
- Worked in **R&D** department of **Sundaram Industries Pvt. Ltd, TVS rubber**, Madurai as Junior Manager with 2 years and 9 months of experience(Jul 2017 to Apr 2020)

Technical Experience

- **Rubber compound development- Improvements** in compound for easy processing
- **Adhesion improvement** between different polymer substrates.
- **Experience in** setting up a new R&D laboratory
- Skilled to operate and analyze **Thermo-gravimetric analyzer (TGA), Differential Scanning Calorimeter (DSC), Fourier Transform Infra -red spectrometer (FT IR)** and other instruments related to rubber testing and analysis.
- Interpretation of TGA graphs for raw rubbers and other chemicals.
- **Quantitative** and **qualitative** analysis of any chemical using FT IR
- Knowledge about **reverse engineering** of rubber products
- Failure analysis. Calibration and maintenance in-charge of instruments
- Experience in **ISO 9001, OHSAS 45001:2018** and **EMS 14001** audit preparation, documentation and NABL accreditation for R&D Lab
- To identify chemicals causing blooming in rubber using FT IR
- **IMDS** for materials and **SOC** related analysis for **REACH** and **ROHS** compliance.
- Life time estimation of rubber parts.

Academic Details

Course	Institution	University/Board	Year of Passing	%/CGPA
PG Diploma (Analytical chemistry)	Gurunanak College, Velachery	IGNOU	01/2021	Pass
UG (Chemical Engineering)	AC TECH	Anna University, Chennai	06/2017	9.23
HSC	Sir Sivaswami Kalalaya Higher Secondary School, Chennai	Tamil Nadu State board	05/2013	97.25%
SSLC	Sir Sivaswami Kalalaya Senior Secondary School, Chennai	CBSE	05/2011	91.2%

Trainings

- **Inplant training in Tube Products of India, Avadi**
- **International Summer school on Engineering and Technology for Society and Global Development** organized by **Anna University** and **The University of Edinburgh, UK**
- Advancement in **Thermal analysis** techniques by KEP TECH at **IIT Madras**
- **BS OHSAS 45001:2018** internal auditor training.
- **Certified** internal auditor in Laboratory Management System **ISO/IEC 17025:2017** by NBQP.

Industrial visits

- Chennai Petroleum Corporation Ltd., Manali
- Mangalore Refinery & Petrochemicals Ltd.,
- Manali Petrochemicals Ltd.,

Computer Skill Set

Operating Platform: Windows10, 8 &7, Windows XP/2000, UNIX.

Software: MS office, MATLAB

Language: Basics of C Programming

Additional Information

- **Good Conduct certificate** holder in National Service Scheme (NSS)
- Participated in **Annual Residential Camp** for 1 week conducted by NSS
- Degree holder of Rastrabasha Praveen from Dakshina Bharath Hindi Prachar Sabha, Chennai.

Team Activities

- **Technical Coordinator** of Consortium of Chemical Technologists.
- **Student member** of Indian Institute of Chemical Engineers (IICHE).
- **Active Member** of National Service scheme (NSS) during the year 2013- 2014.
- **Member of** Rotaract Club of A.C.Tech, Anna University, Chennai.
- **Event Organizer** of Chemfluence'16.
- **SOP champion in TQM** related activities

Strengths

Positive Attitude, good grasping power, eagerness to learn and open-mindedness.

Personal Details

Name	S. Harini
Date of Birth	17-Jun-1996
Permanent Address	12/137A, Co-operative Colony, Pozhichalur, Chennai - 74
Passport No.	P0499558
Languages	English, Tamil, Telugu, Hindi and Sanskrit.

Declaration

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