



ASHIR A M

POLYMER ENGINEER

📍 Dubai, UAE
✉ iamashiram@gmail.com
☎ +971-525072861
🌐 www.linkedin.com/in/ashir-am

PROFILE

Experienced Product Specialist with a demonstrated history of working in the Polymer field. Skilled in Polymer Chemistry, Project Management, material development, and Creative Problem Solving. Strong creative professional with a BTech- Bachelor of Technology focused in Polymer Chemistry from Cochin University of Science and Technology

SKILLS

Project Management

● ● ● ● ● ● ●

Polymer Compound Development

● ● ● ● ● ● ●

Communication

● ● ● ● ● ● ●

Problem Solving

● ● ● ● ● ● ●

Organizational Skills

● ● ● ● ● ● ●

WORK EXPERIENCE

EXECUTIVE ENGINEER

MRF Ltd. Chennai

Set 2019 - 2021 Nov

Compound Developer at Research and Development Center,

- Initiates and executes Exploratory compound projects for PCR and Truck tires, helping company stay ahead of industry requirements
- Collaborated with global raw material suppliers to introduce new and futuristic materials to develop advanced compounds with tailored properties
- Initiates and conduct research works on different polymers and additives and ensure the product meets all the quality requirements

ACHIEVEMENTS

- Part of exploratory Research team which handle highly confidential and futuristic projects
- Developed Lowest hysteretic base compound ever made in MRF for PCR tires
- Developed High mileage TBR CAP compound
- Development of Mousse compound for ride and comfort in PCR tires

EDUCATION HISTORY

BACHELOR OF TECHNOLOGY

May 2015- Apr 2019

Cochin University of Science and Technology

- Polymer science and engineering (CGPA 7/10)
- Gained extensive training and successfully accomplished all courses for Polymer Engineering

DIPLOMA IN RUBBER TECHNOLOGY

2017- 2018

- Joint collaboration of Indian Rubber Institute and IIT Kharagpur -2018

XII TH (STATE BOARD)

May 2013- Apr 2014

- Pavandoor Higher Secondary School
Percentage - 83%

PUBLICATIONS

- C.P. Reghunadhan Nair, P.K. Manshad , **A.M. Ashir** and S. Athul. Synthesis of 3-carbonoyl acrylic acid-functionalized polystyrene and an insight in to its role in cross linking and grafting of polystyrene on to natural rubber. European Polymer Journal. Elsevier. Volume 131, 2020, 109688.

AREAS OF INTEREST

- Polymer chemistry
- Research and Development
- Polymer Testing
- Business strategy
- Mechanical testing, failure analysis
- Quality control and quality assurance
- Fitness, Travel

LANGUAGES

English



Malayalam



Tamil



Hindi



PERSONAL PROFILE

- Marital status : Single
- Nationality ; Indian
- Current Address : Dubai, UAE
- Visa status : Visit visa
- Phone ; +971525072861
- Email ; iamashiram@gmail.com

TRAINING AND INTERNSHIP

- Training in Rubber Product Manufacturing and Testing, Rubber Research Institute of India (RRII) Kottayam, January 2018.
- Internship at Apollo Tires, Kalamassery. Cochin May 2018
- Training at Primus Gloves Kakkanad, Cochin. March 2019
- Hands on training on advanced FTIR/ HPLC/ Mass spectrometric/ SEM/ GPC/ DSC/ Raman Spectroscopic instruments, MRF, Chennai

PROJECTS AND SEMINARS

- Lowest rolling resistance base compound development for PCR tires, MRF 2020
- Academic project on Chemical modification of expanded polystyrene to make it a better candidate for recycling, 2018
- Academic Project on Rapid determination of TSC of NR latex using microwave oven. A fast and efficient method to characterize the Natural Rubber latex
- Attended the ASIA RUBTECH EXPO-2018 conference from 27th to 29th September 2018, Bengaluru
- Attended National Seminar on Current Trends in Polymer Science organized by Department of Polymer Science and Rubber Technology, CUSAT, 2018

POSITION OF RESPONSIBILITY

- Member, IRI (Indian Rubber Institute) since 2018
Professional body of rubber technologists, engineers, scientists, academicians and other professionals and organizations associated with the rubber and allied industry in India.
- Treasurer , SPT (Society of Polymer Technologist)
- Core member of Technical festival - "cusat innovative 2017" organized by Cochin university of science and technology in February 2017