

MOHAMMAD ANSAR VAKKATTIL

Vakkattil House, Palachode P O, Malappuram, Kerala, India 679338|

+91 9847 407485 | ansarmohammad5@gmail.com| Date of CV 04 April 2021



EMPLOYMENT Senior Project Engineer |Divison of Polymeric Medical Devices|Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Science and Technology | Parylene Coating for Implantable Medical Devices (Chemical Vapor Deposition Polymerisation of Parylene) 3D Printing for Implantables Devices| 01 Nov 2018

EDUCATION Master of Technology (M. Tech) – Rubber Technology|14 June 2018| CGPA 8.0/10| Rubber Technology Centre, Indian Institute of Technology Kharagpur, India| +91-3222–282052(PG Registrar)| asregpgr@adm.iitkgp.ernet.in |

Bachelor of Technology(B. Tech)-Polymer Science & Engineering| 21 Jun 2016| CGPA 7.2 / 10 |Cochin University of Science and Technology(CUSAT), Kochi, India| +91(484)2575959| iraa@cusat.ac.in (International Relation)

OTHER EXPERTISE Masters Research|1 Jun 2017 to 31 Mar 2018| Synthesis, And Characterization of Castor Oil Extended Epoxidised Natural Rubber |Indian Rubber Manufacturers Research Association (IRMRA), Mumbai & Indian Institute of Technology, Kharagpur, India|

Training Course| Reverse Engineering & Life Prediction of Rubbers|21-23rd June 2017 Indian Rubber Manufacturers Research Association (IRMRA), India

Bachelor's Research |15 Dec 2017 to 08 Mar 2016| Effect of Various Grades of SBR On Properties of Tire Tread Compounds| Hari Shankar Singhania Elastomer and Tire Research Institute, Rajasthan & Department of Polymer Science and Rubber Technology(CUSAT), Kochi, India |

Rubber Industry Training|6-10th July 2015| A Study On Rubber Compounding Technology Vajra Rubber Products (P) LTD, Konathukunnu, Trissur, Kerala, India|

Training in Rubber Technology|22 Dec 2014 to 16 Jan 2015|Department of Training, Rubber Training Institute, Indian Rubber Board, India|

Bachelor's Mini Project|1-30th Apr 2014| Effect of Cure Time On Mechanical Properties of Latex Film |Department of Polymer Science and Rubber Technology, CUSAT, Kochi, India|

LANGUAGE & SKILLS Native language – Malayalam

Foreign languages – English – IELTS 6.0|24 Aug 2019|

Medium of Instruction for Bachelor's and Masters -English |

RESEARCH FUNDING & GRANTS

Technical Research Centre for Biomedical Devices| 1 Aug 2018 To 31 Jan 2021|Research Funding| Department of Science and Technology, Government of India | 9.574 Million Indian Rupees |Parylene Coating for Implantable Medical Devices and Device Delivery Systems| Senior Project Engineer| Under Supervision of Dr. Ramesh P, Scientist G, SCTIMST, India

RESEARCH OUTPUT

Publication Under Progress| Castor Oil Extended Modified Natural Rubber: A Novel Bio-Based Material with Low Rolling Resistance|

RESEARCH SUPERVISION & LEADERSHIP EXPERIENCE

Two Bachelor's Research Supervision| Four Supervisees |

1. Study of The Effect of Epoxidised Natural Rubber as Compatibilizer and Coupling Agent in Silica Filled NR/NBR Blend, Supervisees Chandini VC & Sidharth AK|
 2. Synthesis and Characterization of Rice Husk Silica Filled Epoxidized Natural Rubber, Supervisees-Muhzn M & Aiswarya Ramachandran
16 Dec 2017 to 28 Mar 2018| Principle Supervisor Suchismita Sahoo, Assistant Director IRMRA, India|
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TEACHING MERITS

Teaching Material Development |Study Materials For GATE Polymer Science Available At Amazon| [Click Here To Author Page](#)|

AWARDS & HONORS

GATE Scholarship | Masters Scholarship 10 July 2016 to 31 May 2018|

Brand D Management Competition | Runner UP | Spring fest IIT Kharagpur, 2017|

GATE | Percentile 97.63 | Polymer Science and Material Science |2019

OTHER MERITS

Poster Presentation| Synthesis, And Characterization of Castor-Oil Extended Epoxidised Natural Rubber| 12 Jan 2018|IRMRA Rubber Day 2018 | Indian Rubber Manufacturers Research Association (IRMRA), Mumbai India

Industrial Visits | J K Tire, Rajasthan, India 2015| CEAT Tire, Mumbai, India 2016| VKC Polymers (Footwear Manufacturer)2015, Calicut, India| Gold Seal (Rubber Door Seal & Weather Strips Manufacturer), Gujarat, India 2017| Oriental Rubbers (Conveyor Belt Manufacturer), Pune, India 2017|

REFERENCE

Dr. Ramesh P |Current Research Supervisor | Scientist G| SCTIMST, India
rameshp@sctimst.ac.in | [Click Here For Institute Page](#)

Dr. Narayan Chandra Das|Masters Research Supervisor Associate Professor, Indian Institute of Technology, Kharagpur, India| ncdas@rtc.iitkgp.ac.in | [Click Here For Institute Page](#)|
