

JESS N GEORGE

To strive for excellence and to work hard towards a challenging position which will enable me to continuously learn, create, innovate and simultaneously contribute to the short- and long-term goals of the organization effectively using technological and managerial skills.



PERSONAL

- Name**
JESS N GEORGE
- Address**
Naduvilamanaikkal house,
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Chittoor, Ernakulam
682027 Ernakulam
- Phone number**
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- Email**
jessngeorge757@gmail.com
- Date of birth**
07-05-1994
- Place of birth**
Ernakulam
- Gender**
Male
- Nationality**
Indian
- Marital status**
Single
- LinkedIn**
<https://www.linkedin.com/in/jess-n-george-29258b13a>

INTERESTS

- Travelling
- Numismatics
- Reading
- football

SKILLS

- Microsoft word ★★★★★
- Microsoft Excel ★★★★★
- Polymer testing ★★★★★
- Polymer Processing ★★★★★
- Research & Development ★★★

LANGUAGES

- English ★★★★★
- Malayalam ★★★★★
- Hindi ★★★★★
- Tamil ★★



WORK EXPERIENCE

- Feb 2020 - Present**
Production/QC grade Engineer
VERA display and storage products Pvt. Ltd. kanjikode, Palakkad, Palakkad
 - Handling overall responsibilities of processing, quality testing, and raw material purchase.
 - Detailed discussion with respective vendors on material rate, availability and amend the order accordingly.
 - Negotiate with the vendors for better prize and services.
 - Perform analysis of raw material samples according to analytical procedures, SOP's, and laboratory guidelines in an accurately and timely manner.
 - Supervising formulations and compounding.
 - Monitor the production closely and ensure the raw material in time by continuous follow up.
 - Excellent troubleshooting skills and have the ability to ensure that processes and products consistently meet established quality standards.
 - Collaborating with managers and supervisors to implement quality measures.
- Oct 2018 - Nov 2019**
Technician
CIPET: Institute of Plastic Technology (CIPET: IPT) Kochi, Ernakulam, Kerala, India, Ernakulam
 - Identifying the work orders and carry out the tests as per standard methods (ASTM/IS/ DIN Standards).
 - Expertise in Universal Testing Machine for analyzing tensile, flexural, compression and rupture testing's of Gloves, Rubber Sandals, HDPE (Pipes and tank), PVC (pipes), films, and R and D samples (mentioned only few).
 - Technical support to the Research and Development projects carried out in Institute.
 - Efficiently working with all type of analytical and testing instruments related to polymer materials.
 - Documentation of NABL (National Accreditation Board for Testing of Laboratories) for the testing laboratories.
 - Training to students and Industrial persons on various testing equipment's.
 - Lectures for various Entrepreneur development programs.
- Aug 2016 - Oct 2018**
Quality Controller
STAR PIPES Thrissur, Kerala, Thrissur
 - Handle overall responsibility of production and Quality.
 - Establishing standards of service for customers or clients.
 - Promoting Quality achievement and performance improvement throughout the organization.
 - Identifying relevant quality-related training needs and delivering training.
 - Setting up and maintaining controls and documentation procedures.
 - Supervising technical staffs in carrying out tests and checks.
 - Ensuring tests are conducted as per IS Standards.



EDUCATION AND QUALIFICATIONS

- Jul 2015 - Jul 2016 **Post graduate diploma in plastic processing and testing (PGDPPT)**
CBPST KOCHI, A unit of CIPET, Ernakulam
Passed score 80%
- Jun 2012 - Apr 2015 **BSc Industrial chemistry**
Mahatma Gandhi University, Kottayam, Ernakulam
Percentage Score 52%
- Jul 2010 - Apr 2012 **Higher Secondary (Plus two)**
Board of Public Examinations, Kerala, Ernakulam
Percentage score 68%
- Jun 2009 - Apr 2010 **High School**
Board of Public Examinations, Kerala, Ernakulam
Percentage score 72%



CUSTOM SECTION

Technical Proficiency

- Analytical/ Testing Instruments**

Ø Universal Testing Machine (UTM), Oscillating Disk Rheometer (ODR), Moving Die Rheometer (MDR), Impact Tester, Differential Scanning Calorimeter (DSC), Thermogravimetric Analyzer (TGA), Gas Permeability Tester (GPT), Water Vapour Transmission Rate Tester (WVTR), Optical Microscopy, UV-VIS Spectrophotometer, Fourier Transform-IR Spectrometer, Moisture Analyzer.

- Plastic Product Testing Instruments**

Ø Hydrostatic Pressure Tester, Dart Impact Tester, Pipe Impact Tester, Vicat Softening Point / Heat Deflection Temperature Tester, Melt Flow Index, Opacity Tester, carbon black content.

- Polymer Processing Machines**

Ø Injection Molding, Twin Screw Extruder, Blown Film Plant, Blow Molding, Thermoforming, Two Roll Mill, and Compression Molding.

- Expertise in **Biodegradability Testing**



CUSTOM SECTION

Hand on experience in Machineries

- Ø KOLSITE 450 (KABRA M/C)
- Ø KOLSITE 550 (KABRA M/C)
- Ø KOLSITE 750 (KABRA M/C)
- Ø Automatic High-Speed Mixture (Neoplast)
- Ø Microprocessor controlled injection molding machine (Ferromatic Milacrone OMEGA80)
- Ø Twin screw compounding Extruder (specific engineering ZV 20)
- Ø Mono layer blow film extruder
- Ø Compression molding machine (Neoplast 30 tons)



REFERENCES

- STAR PIPES, Thrissur **Rajeev E**
9895021234
- CIPET: IPT KOCHI, **Rajesh K A**
Udyogamandal, Kochi
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- CIPET: IPT CHENNAI **Dr. Thomas. O. Varghese**
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