

Answara Beefathima K M

Packaging Technologist, R&D

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PROFILE

Result driven packaging Technologist with a B.Tech in Dairy Technology and 2+ years of R&D experience in FMCG (Wipro) and Construction Chemicals (Saint-Gobain/Fosroc). Proven expertise in **rigid and flexible packaging systems**, **New Product Development (NPD)**, and **packaging testing and validation**. Strong track record of driving **sustainability-led packaging innovations** (PCR, EPR compliance) and executing end-to-end commercialization of Sustainable packaging material.

EDUCATION

PGDP in Packaging Jul 2024 | Mumbai
Indian Institute of packaging, Mumbai

B.Tech in Dairy Science and Technology Feb 2022 | Kerala
Kerala Veterinary and Animal Sciences University

PROFESSIONAL EXPERIENCE

Packaging Technologist May 2025 – Present | Bengaluru
Fosroc Chemicals (Saint Gobain)

- **R&D Leadership:** Led packaging development roadmaps for Construction chemical products across rigid, flexible, and paper formats, driving 10+ projects from concept to commercialization.
- **Sustainability (PCR):** Introduced **Recycled (PCR) plastic** into rigid packaging.
- **Digital Transformation:** Led User Acceptance Testing (UAT) and data migration for a new Karomi Artwork Management Portal, ensuring 100% data accuracy across 500+ SKUs.
- **Packaging line automation Projects:-** Collaborated on packaging line automation projects, implementing automatic case erectors/sealers and automatic bagging machines to improve factory throughput by 20%..
- **National EPR Compliance & CPCB Data Validation:-** Ensured 100% compliance with India's Plastic Waste Management (PWM) Rules and Extended Producer Responsibility (EPR), managing validation and CPCB annual filings for 5000+ tons of packaging material.
- **Cross-functional Leadership:** Designed and conducted system training for Marketing, Supply Chain, and Quality teams to ensure smooth platform adoption.
- **Transit Safety:** Standardized Transit Trial Procedures (vibration/drop testing) and pallet layout optimization, reducing shipping-related leakage and product loss by 25%.

Packaging Executive, R&D Aug 2024 – May 2025 | Hyderabad, India
Wipro Consumer Care and Lighting pvt ltd

- Managed the development of **primary, secondary, and tertiary packaging** for a multiple FMCG products.
- Created and approved 100+ Packaging **Material Specifications, Bills of Materials (BOMs), and Key Line Drawings (KLD) using AutoCAD**, ensuring documentation accuracy and seamless factory execution.
- End to end development and commercialisation of **lollipop packaging for new Launch**.
- **Tamper evident premium Shrink sleeve development:-** engineered a high-clarity, gloss-finish PETG perforation shrink sleeve for Yardley gift packs and individual premium SKUs.
- **Yardley Lotion Dispensing Optimization:** Led technical root-cause analysis using design thinking to resolve Yardley lotion dispensing issues, reducing product residue by 7% from 24%.
- **PCR incorporated packaging material development:-** Led PCR-related packaging development projects from pilot trials to full-scale manufacturing scale-up

- **Re-usable PP boxes for incoming PM from the vendor end:-** Evaluated alternative packaging materials, formats, and designs to achieve cost savings and promote sustainable packaging practices.
- **Supported the factory team in addressing Customer Service Observations (CSOs)** related to packaging, contributing to improved customer satisfaction.

Fssai Trainee

Apr 2022 – Jul 2022

FSSAI Eastern region head office,Kolkata

- Project on Promoting the usage of sustainable packaging materials across various food businesses.
- The Dairy Packaging Audit (Direct Industry Match): -Evaluated primary rigid packaging (HDPE/PET) and flexible laminates used by local dairy businesses
- **Compliance Review of Food Contact Materials (FCM):** -Assessed flexible and rigid packaging samples against FSSAI 2018 regulations, reviewing vendor test reports for Overall Migration Limits (OML) and Specific Migration Limits (SML) as per IS 9845 standards.

SKILLS

- Packaging Design and Prototyping

 - Auto CAD
 - Key Line Drawing (KLD)
 - Mockups
 - Physical Prototyping
- Systems and Software

 - Karomi Artwork Management portal
 - ESKO and Artwork Flow
 - Microsoft AD (Dax) ERP
 - MS Office
- R&D and Operations

 - End to end Packaging Commercialisation
 - Pilot trials
 - Line trials & Transit Trials
 - Root Cause Analysis
- Compliance and Regulation

 - India's Plastic Waste Management (PWM) Rules
 - CPCB Annual Filings
 - Extended Producers Responsibility (EPR)
 - Food safety standards

CERTIFICATES

- ISO Certified IMS internal auditor for 9001:2015, ISO 14001:2015 & ISO 45001:2018.
- Completed certificate course with University of Bocconi on Food and Beverages Management.

LANGUAGES

- English
 - Kannada
- Hindi
 - Malayalam

INTERESTS

Athlete (Marathon) | Table tennis | Travelling

PACKAGING MATERIALS HANDLED

- Rigid bottles - HDPE, PP, PET
- Flexible Pouches - Laminates, Pouches, Sachet
- Metal containers - MS tin
- Corrugated Fibre Board (CFB)