

## SARABJEET SINGH BHATIA

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### EXPERIENCE

**Unilever – Leading global FMCG Company with a turnover of 60 billion Euros**

**Senior Process Technology Manager: Global Supply Chain , Homecare Division**

**Mumbai**

**Dec 2015 – present**

- **Technology Lead - Detergent Manufacturing** (including Spray Drying Process, Dry Mix process & Detergent bars manufacturing process.)
- Global Technology lead for Homecare soap bar technology. Designed and Implemented cost effective manufacturing process solutions for Africa, South Asia and Latin America with new bar structuring technology.
- Global Technical Lead of Advanced Process Control (Machine learning based) Digital Tower Project -Unilever & McLaren Technology centre ,UK collaboration program. Delivered Business benefit of more than 5 million Euros
- Global Technology lead for project Elephant and Project Syndet for soap bars in Africa and LATAM .Delivered more than 4 million Euros business benefit.
- Unlocked process (make) capacity of more than 30% in the manufacturing network leading to capital avoidance of 10 million Euros through engineering solutions to enhance productivity and process control.
- **Global Lead for Enzymes Safety Management, Bleach Technology and Engineering Design.** Lead an international group of 10 technical personnel based in Brazil, UK, India, Dubai, South Africa and Indonesia.
- Defining authority of technical design, operations, and management of change standards for more than 55 manufacturing locations globally ranging from Latin America, Europe, Africa, Middle East to Asia.
- Managing 400k Euros of global budget & collaborated with partners Novozymes, IFF, Thermofischer & international medical labs.
- Led technical audit (physical presence) and evaluations of high-risk factories in North India and Egypt eliminating the occupational hazards by ensuring compliance of process safety standards.
- Led digitization program for reporting site performance of enzyme operations, monitoring and occupational health of factory personnel.
- Designed and implemented an automated report generation prescribing actions for sites to control and manage safeguards.
- Technology lead for Bleach Technologies in Unilever Homecare division . Define technology design including safe handling of bleach and bleach containing products in Supply chain. Lead a cross functional group of six managers based in different geographies.
- **Technical Lead - Global Homecare Savings Program (5S):** Delivered a combine savings more than 5 million Euros with a capital expenditure saving in excess of 2 million Euros.
- Reduced current supply chain cost by 3% with improved manufacturing technology and engineering design at an optimum capex expenditure within the defined timeline.
- Provided capital expenditure estimates and solutions for accelerated delivery by early evaluation and risk management.
- Key Technologies: Alternate surfactant inclusion, cost-effective materials' inclusion & re-formulated product manufacturing.
- Designed, developed, and implemented Alternate Surfactant Inclusion technology for Thailand, Nigeria, Kenya and India and Soap Powder Handling technology for China.
- Won the Good service Award ,Unilever 2024

**Processing Development Manager**

**Nov 2010 – Dec 2015**

- Identified, developed and designed the process for SLES paste (anionic surfactant) inclusion in dry mix powders.
- Implemented the process technology in Minburi factory of Thailand saving a capex requirement of approx. 2 million Euros and accelerated annual savings delivery of 1.5 million Euros by 8 months; Rewarded with a promotion.
- Reduced the formulation cost of manufacturing powder bleach adjunct of brand Omo in Brazil by 20% while delivering a superior product.
- Implemented melamine encaps fragrance technology in powders globally resulting in an incremental turnover of more than 5 million euros.
- Executed the main plant trial planning, implementation and assessment in Brazil and Indonesia.
- Won The global compass award How DIG became the #1 laundry brand by creating brand love and value – 2015
- Led a team of four Senior R&D officers and Associate Manager to deliver the Innovation program for Homecare powders
- Led the global product benchmarking program developing process routes for inclusion of technologies to reduce insoluble in powders by 50%, delivering a superior product over competitor's with minimal investment and an overall savings of more than 600k Euros.
- Won the Global compass award for continuous improvement - Product benchmarking program 2011.

**Product Development Manager (Technical Project Leader) - Sunlight, Household Care, Asia cluster**

**May 2008 –Nov 2010**

- Winner of Global Household care category “Spark of the month award” for excellent contribution to Project Thang Ta, reformulating vim bar and achieving blind product consumer test win
- Led the technical deploy challenges for Sunlight Active Gel product in Asia (India, Thailand, Indonesia and Vietnam); Successfully managed process scale-up and manufacturing equipment adaptation with timely launch of the products.

**Sterlite Optical Technologies**

**Aurangabad, MH**

**Engineering Project Lead**

**May 2006 – May 2008**

- Won the star performance award for automation of packed bed reactor system.
- Selected as a Tech-lead for Solar Photovoltaic business development project by the CEO
- Established, commissioned, designed automation of Silicon tetrachloride (SiCl<sub>4</sub>) plant with a capacity of 100 MT/month, largest in Asia. In-house production of SiCl<sub>4</sub> (previously imported from Degussa (Germany), reduced cost by 25%

### EDUCATION

**Indian Institute of Technology, Kanpur**

Bachelor of Technology, Chemical Engineering, CPI 7.9/10; Ranked Top 10% in the department

**May 2006**

**Indian Institute of Management, Ahmedabad**

Pursuing Master of Business Administration degree

**present-'26**

### ADDITIONAL INFORMATION

- Active participant in recruitment activities hiring good technical talent from reputed colleges including IITs.
- Mentor and group facilitator in the Discover your Purpose workshop for supply chain personals. (Feb 2019)
- Passionate about Machine Learning and implementation at industry scale to improve and automate manufacturing process.
- Developed Machine learning model with ensemble learning to predict moisture content of detergent powder with real time process parameters as features