



**Mr. Bimal Bhayani**

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**Education:**

**BE (1983)** – L. D. College of Engineering, Gujarat University

**Diploma in Computer Programming (2001)** – CDac

**Hazards and operarability study ( HAZOP) (1998)** – Central Labour Institute (CLI), Mumbai

**Certificate course for Finance & Financial Management Services (2024)** – Rice University

**Project Management essentials (2024)** – Coursera, Howard University

**Foundation of Project Management (2024)** – Google

**Agile Project Management (2024)** – Google

**Introduction to Business Analysis using Spreadsheets: Basics (2024)** - Coursera, University of London

**Certificate course in Introduction to Generative AI (2024)** - Google Clout

**Certificate course on Generative AI and prompt engineering with advanced Excl (2024)** – Linked In

**Certificate in Business Analytics with Excel: Elementary to Advance (2024)** – Johns Hopkins University

**Certif i cate in AI for Business: Generation & Predictions 80© (2024)** – Coursera

**Microsoft Power point online certificate course (July 2023)** - Skill Nation for Microsoft

**Introduction of Microsoft Excel (2024)** - Coursera

**Key Skills**

1. "Professor of Practice" as per UGC norms for training of students in the f i eld of Chemical Engineering and Fire& Safety Technology
2. Technical consultant cum Advisor for Industries/ Universities/ Professional bodies. Specialist in Chemical projects management from concept to commissioning.
3. Fire & Safety expert for industries. HAZOP Expert.
4. Operation and management of integrated complex manufacturing Fertilizers, Chemicals, Petro chemicals, Acids, Gases and Polymers.
5. Process and Production and Operation Specialist for manufacturing of Ammonia, Urea,

Melamine, Syn gas Sulphuric acid, Phosphoric acid, Ammonium phosphate sulphate, Acrylic Polymers, Bagging, Water soluble Fertilizers.

6. In depth knowledge of Feasibility study, Detailed Project report preparation/ review and decision making.
7. Knowledge of Financial analysis of Project using various tools. Project management from concept to execution.
8. HAZOP trained from Central labor Institute - Mumbai. Capable of conducting Safety.
9. Specialist for Melamine plant technology/ Project and execution.
10. Innovation capabilities, development of new products in synchronization with existing business.
11. Knowledge of Incubation and Innovation Research Centre
12. Knowledge of AI , Generative AI using prompt Engineering.
13. Knowledge of Sustainability of Business in Circular economy.

## **Background**

Joined GSFC University in October 2022

## **Most Three Notable Publications**

1. Achieved ever highest Turnover and profit in 2021-22 (@ Rs.9000 Crore (@1.1 billion US\$) turn over and Rs. 900 Crore (1.1 million US\$) net profit. Responsible for more than 4500 Crore (0.6 billion US\$) turn over production and nearly 60% of profit share.
2. Successfully executed 11 nos. of Projects ranging from 3 Crore to 850 Crore (0.3 million to 1.05 million US\$) . (Y: 2017-2021)
3. Successfully refurbished 53 years vintage Phos acid and APS plants with upgradation in running plant without production loss and no accident with in house efforts at a cost of Rs. 48 Crores (4.5 million US\$). (Y: 2021). This was very challenging and unique work taken up with own initiatives.
4. Appreciated by Government of India for supply of oxygen to society on round the clock basis during Covid-19 pandemic in 2020-2022.
5. Developed facility of oxygen supply with 3.4 km long line from factory to medical centre with initiatives and with in house efforts in a span of 70 days with additional facilities of liquid oxygen bottle facilities and

6. jumbo as cylinders. Developed liquid oxygen supply from Air separation unit and distributed approx. 900 Mt of liquid oxygen to hospitals free of cost during second phase of Covid-19.
7. Commissioned three Melamine plants on low and high pressure technologies in India. (Y :1984-2019)
8. Successfully commissioned molasses based granulating aid system in APS plant providing better quality granules fortified with potash. First time in India. ( Y: 2021)
9. Developed Technical Grade Urea from Melamine plant OGT section using Urea plant equipments with minimum cost. ( Year : 2019)
10. Successfully commissioned Melamine project with 12 million accident free days. ( Y: 2017-2019).
11. Won prestigious FAI award for best performance of complex fertilizer for the year 2014-2015.
12. Commissioned Neem coating of Urea facility with in house efforts at less than Rs. 1 lakh.( Y: 2014)
13. Utilized 13000 Mt of Sulphur muck of Sulphuric acid plant as filler in APS plant and generated Rs 30 Crore and solved solid disposal problem. ( Y: 2013-14)
14. Won prestigious FAI award for best performing Phosphoric acid plant for the year 2012-13.
15. Won prestigious FAI award for Runners up for best performing Urea plants for the year 2012-13
16. HAZOP certified through Central Labour Institute- Mumbai with high grade