

Name : Digant Jansukhrai Trivedi

Designation : Adjunct Professor

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School: School Of Technology



Research Interest:

- Catalyst, Corrosion, Energy saving

Academic Background:

Degree	Subject	University	Year
BE	Chemical Engineering	Gujarat University (DDIT)	1984
IM	Industrial Management	MS University	1988

Professional Experience:

From	Period	Position	Organisation
<u>As per Annexure -I</u>			

Teaching Engagements:

Title	Course Code	Class Name	School Name
Chemical Process Safety	BTCH704	B. Tech. (Chemical Engineering)	SOT

Publications:

As per Annexure -II

Book: **

Awards/Recognitions:

As per Annexure -II

DJT : PROFILE AT G S F C

SR	GRADE	POSITION	FROM	TO	DURATION	TOTAL DURATION	FUNCTION
1	GET	GET	29/10/84	28/10/85	1 YEAR	1 YEAR	MELAMINE
2	MT	MT	19/12/85		8 MONTHS	1 YEAR	NH3 PLANT
		MT		19/12/86	4 MONTHS		MODERNISATION
3	II-C	ACHE	19/12/86		4 YEARS 1 MONTH	5 YEARS & 10 MONTHS	MODERNISATION
		ACHE		09/01/91			TECHNICAL
		ASE	09/01/91	01/10/92	1 YEAR 9 MONTHS		CEP-ANONE
4	II-B	SE	01/10/92	01/06/98	5 YEARS & 8 MONTHS	5 YEARS & 8 MONTHS	CEP-ANONE
5	II-A	MANAGER(S/O)	01/06/98	21/12/04	6 YEARS & 6 MONTHS	6 YEARS & 6 MONTHS	CEP-ANONE
6	I-D	SR. MANAGER (S/O)	21/12/04	27/10/06	1 YEAR 10 MONTHS	6 YEARS & 4 MONTHS	CEP-ANONE
		SR. MANAGER (P-ANONE II)	27/10/06	01/04/11	4 YEARS 6 MONTH		CEP-ANONE
7	I-C	DGM (P-Anone II)	01/04/11	5/5/2012	1 YEAR 1 MONTHS	3 YEARS	CEP-ANONE
		DGM (P-Anone II/HAS)	5/5/2012	7/12/2013	1 YEAR 7 MONTHS		CEP-ANONE/HAS
		DGM (P-CEP)	7/12/2013	31/3/2014	4 MONTHS		CEP

SR	GRADE	POSITION	FROM	TO	DURATION	TOTAL DURATION	FUNCTION
8	I-B	AGM(Caprolactam-II)	01/04/2014	12/01/2015	9 MONTHS	8 YEARS 10 MONTHS	CEP
9		Vice President (Prod-Capro-II)	13/01/2015	30/08/2016	1 YEAR 7 MONTHS		CEP
10		Vice President (Production- F &I))	30/08/2016	10/11/2016	2 MONTHS		F & I
11		Vice President (Production- F &I)) & Factory Manager	11/11/2016	24/07/2017	8 MONTHS		F & I
12		Vice President (Design & Construction) & Factory Manager	24/7/72017	28/03/2018	8 MONTHS		D&C
13		Vice President (Design & Construction)	28/03/2018	21/10/2019	1 YEAR 7 MONTHS		D&C
14		Vice President (Design, Construction, S & FS)	22/10/2019	07/02/2022	2 YEAR 4 MONTHS		D,C, S &FS
		Vice President (Design, Construction, Inspection, S & FS)	08/02/2022	31/01/2023	11 MONTHS		D,C,I, S & FS
TOTAL EXP (up to Jan 23)						37 YEARS & 10 MONTH	

RESUME

1. **Name** : DIGANT JANSUKHRAI TRIVEDI.
2. **Birth date** : 30/01/1963.
3. **Nationality** : Indian.
4. **Address** : 11, Silver Oak,
Near Jyoti Park,
New Sama Road,
Baroda.- 390 008.
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(R) # (0265) 2783201.

- E-mail** : djtrivedi@gsfcltd.com

5. Educational Qualification:

Examination	Institute	Year	Marks
New SSC	Gujarat SSC Board	1978	67 %
H.S.C.	Gujarat HSC Board	1980	66 %
B.E.(Chemical)	Gujarat University	1984	71 %
Industrial Management	M.S. University	1988	71 %
*PGDM Part-I	All India Management Association	1990	60 %
Part-II		1993	55 %

* The PGDM course discontinued due to the new assignment in service.

6. Highlights of Achievements:

- Excellent academic career.
- More than **34 years** of Industrial experience
- Worked as core team member for Erection & Commissioning of Cyclohexanone plant. Visited Poland for taking training of efficient plant operation. (1992)
- Worked as core team member for Erection & Commissioning of Anone Debottlenecking scheme (ADBS) in Cyclohexanone plant.(1999)
- Worked as core team member for Erection & Commissioning of Additional Dehydrogenation Unit in Cyclohexanone plant.(2003)

- Work as a team leader for implementation of Anone Modernization Scheme for 4% of Raw material saving. Visited Switzerland to attend IDC in March 2010 for Anone Modernization scheme and successfully commissioned the scheme (2012)
- Won various prizes in various fields like Safety, Environment, Real Emergency situation, Mock drills etc.
- Published various Technical Papers
- Assign responsibility as a Factory Manager for GSFC – HO for about 2 years.

7. Work Experience:

Started career as an Engineer Trainee and presently working as Vice President (Production P- F&I) & Factory Manager of **Gujarat State Fertilizers & chemicals Ltd. Baroda.**

About the company:

Gujarat State Fertilizers & Chemical Company Ltd.(GSFC) is one of the largest, well diversified and integrated petrochemical and Fertilizers complexes in India. It is spread in 1600 acres of land in four different locations with 30 different plants and 20 different products like Ammonia, Urea, Di-Ammonium Phosphate, Ammonium Sulfate, Sulfuric Acid, Phosphoric Acid, Caprolactam, Cyclohexanone, Nylon-6, Melamine, Acrylic, MEKO, HX Sulphate crystal etc. It has strength of over 3000 employees and has annual turnover of about Rs. 6000 Crores.

The Company has obtained ISO 9001-2015, ISO14001-2015, ISO 18001-2007, ISO 50001-2011 Certification & RC logo.

Following are the details of various positions held and nature of responsibilities carried out at GSFC.

(i) Engineer Trainee 2 Years

- Induction and General in plant training at different plants at GSFC.
- Intensive on the job training of operation of Melamine and Ammonia Plants.

**(ii) Asst. Chemical Engineer 4 Years
Modernization and Technical Dept.**

- To carry out techno-economic feasibility study of various schemes like improving productivity, reducing energy consumption and pollution.
- To plan, execute and co-ordinate for executing the approved schemes.
- To assist in operation and provide technical services to plant for trouble shooting, improving productivity, safe operation etc.
- Look after various plants like Sulfuric Acid, Utilities and effluent treatment for above functioning.

- (iii) **Asst. Shift Engineer** **2 Years**
Caprolactam Expansion Project
- Active participation in erection and commissioning of Cyclohexanone Plant of 45,250 MT/Year capacity, along with the Process Licensors.
 - Trouble shooting and stabilization of the process through various modifications.
 - Operation of Distributed Control System.
 - **Training at Poland for the operation of Cyclohexanone Plant.**
- (iv) **Senior Shift Engineer** **6 Years**
Caprolactam Expansion Project
- In-charge of complete Cyclohexanone Plant during shift and responsible for the efficient, smooth and safe operation of the plant in totality.
 - To guide a team of three DCS Engineers and eight field operators during the shift.
 - To co-ordinate with various supporting agencies.
- (v) **Manager (Shift operation)** **6.5 Years**
Caprolactam Expansion Project
- **Active participation in revamping to increase Cyclohexanone plant capacity up to 125 % and de-bottlenecking of Dehydrogenation Unit.**
 - Responsible for Cyclohexanone Plant operation and Management.
 - Inventory management.
 - In-charge of complete Cyclohexanone Plant during shift and responsible for the efficient, smooth and safe operation of the plant in totality.
 - To guide a team of three DCS Engineers and eight field operators during the shift.
 - To co-ordinate with various supporting agencies.
- (vi) **Senior Manager (Shift Operation)** **2 years**
Caprolactam Expansion Project
- Responsible for Cyclohexanone Plant operation and Management.
 - Inventory management.
 - In-charge of complete Cyclohexanone Plant during shift and responsible for the efficient, smooth and safe operation of the plant in totality.
 - To guide a team of three DCS Engineers and eight field operators during the shift.
 - To co-ordinate with various supporting agencies.

(vii) **Senior Manager (P-Anone II)** **6.5 years**
Caprolactam Expansion Project

- In-charge of complete Cyclohexanone Plant and responsible for the efficient, smooth and safe operation of the plant in totality.
- To guide a team of **18 Engineers and 29 field operators** of the plant to achieve the budgeted productions with minimum Raw materials and Utility specific consumptions.
- To plan and execute annual shut down activities.
- To plan and execute unplanned/ emergency jobs with minimum down time.
- Inventory management.
- Procurement of Catalyst and to plan for replacement.
- To co-ordinate with various supporting agencies..
- Visited Switzerland to attend IDC in March 2010.

(viii) **Dy General Manager (P-Anone II)** **1.1 year**
Caprolactam Expansion Project

- Same as Sr Manager (P-Anone II) as mentioned above.

(ix) **Dy General Manager (P-Anone II/HAS)** **1 year 6 months**
Caprolactam Expansion Project

- **Successfully commissioned Anone Modernization scheme and achieved desired results. (Sept 2012)**
- **Successfully commissioned HX Crystal plant and achieved desired results. (July 2013)**
- In-charge of complete Cyclohexanone Plant & Hydroxyl Amine Sulphate Plant and responsible for the efficient, smooth and safe operation of the plants in totality.
- To guide a team of **28 Engineers and 40 field operators** of the plants to achieve the budgeted productions with minimum Raw materials and Utility specific consumptions.
- To plan and execute annual shut down activities.
- To plan and execute unplanned/ emergency jobs with minimum down time.
- Inventory management.
- Procurement of Catalyst and to plan for replacement.
- To co-ordinate with various supporting agencies.

(x) Dy General Manager (P-CEP) 7 Month
Caprolactam Expansion Project

In-charge of Caprolactam-II group of plants and responsible for the efficient, smooth and safe operation of the following plants in totality.

- Cyclohexanone
- Hydroxyl Amine Sulphate /HNO3/Hx Crystal
- Lactam & Ammonium Sulphate
- DM Water
- IWIU
- ASU

(xi) Add. General Manager (Caprolactam -II) 9 Months
Caprolactam Expansion Project

- To guide a team of 39 **Engineers and 91 field operators** of the plants to achieve the budgeted productions with minimum Raw materials and Utility specific consummations.
- To plan and execute annual shut down activities.
- To plan and execute unplanned/ emergency jobs with minimum down time.
- Inventory management.
- Procurement of Catalyst and to plan for replacement.
- To co-ordinate with various supporting agencies.

(xii) Vice President (Prod-Capro-II) 1 Years 7 months
Factory Manager

(xiii) Vice President (Prod- F&I) 10 months
Factory Manager

- In Charge of Caprolactam –I, Caprolactam –II, Nylon-6 I &II, AS I & II plants operation.
- To guide a team of **90 Engineers and 190 field operators** of the plants to achieve the budgeted productions with minimum Raw materials and Utility specific consummations.
- To improve the overall overall productivity of the organization with due care of the complex from Environment, Safety & Health.

(xiv) Vice President (Design & Construction) 2 Years

- Looking after functioning of Design & Construction department comprising of Basic Engineering, Cost estimate, Detailed Engineering and execution.
- Responsible for timely execution of the schemes with minimum cost.
- To execute schemes in safe and smooth manner.
- To assist plant operation for troubleshooting /improvement.
- To explore possibility to explore and implement new ideas appropriately.
- Nominated as a Chairman of IMC of ITI Dasharath which is selected as a Model ITI in Gujarat.
- Member of GSFC University- Board of Studies (Chem Engineering).
- Nominated as board of studies for Post Graduate Diploma in Plant Management.
- Team leader for Energy conservation at GSFC, with a target of saving Rs. 10 Crs for the year 2018.
- Nominated as chairman of Library Committee.

8. Achievements:

- Presented (Poster presentation) paper on 'Efforts by GSFC to Control Environment' at IIChe, Banaras in **December '90**.
- Won third Prize in Safety competition at GSFC in the year **1994**.
- Won consolation Prize in Essay Competition for ' Pollution Control Measure' held at GSFC in **June 1996**.
- Qualified Internal Auditor of GSFC for ISO-9002 in the year **1997**.
- Presented paper on 'Safety in Benzene Hydrogenation ' at IIChe, Baroda in **March '99**.
- Presented paper on 'Cost saving in Plant operation using Solver' in GSFC Training Bulletin, in **September '01**.
- Presented paper on 'Distillation Case studies' at IIChe, Baroda in **February '02**.
- Presented paper on 'Cost saving in Catalyst' in GSFC Training Bulletin, in **August '02**.
- Received appreciation from MD for facing real emergency situation in **June '04**.
- Received 1st prize in Mock Drill competition at GSFC in **June '07**.
- Presented paper on 'Cost saving in Bz Hydrogenation catalyst' in GSFC Training Bulletin, in **August '09**.

- Received 1st Runner up trophy for Moc Drill competition for the year 2009-10 in **August 2010**
- Visited Switzerland to attend IDC in **March 2010**.
- Visited GNFC on 4/12/2012 as an External Expert for promotional interviews.
- Invited at GACL on 27/5/2013 as Expert for Interview of GETs
- Presented paper on Corrosion at IChE on **9/3/2013**
- Attended 4 days program on Leadership at IIM Ahmedabad **2/1/2013 to 5/1/2013**.
- Delivered lectures on Leadership at in –house program at MDC-GSFC
 - 4/2/2013-Engineers Trinee
 - 28/2/2013-GSFC Officers
 - April 14, March 16, March 17- Engineers /Diploma Engrs trainee
- Presented paper on Corrosion at IChE on **9/3/2013**
- Delivered lectures on Corrosion in –house program at MDC-GSFC on **27/6/2014**.
- Imparted training at Sikka Unit on Corrosion & Leadership on **12-13/5/2017**
- Member of following committees at GSFC.
 - ODC
 - PMS- Designing & implementation
 - GHK
 - Canteen
 - NG balancing at complex
 - Mock Drill- Chairman
 - GSFC University- Board of Studies(Chem Engineering) since **11/4/2017**
 - Board of Studies for Post Graduate Diploma in Plant Management
- Undergone through several Management Development Programs related to Personality Development, management skill improvement, etc.

9. Extra Curricular Activities

Having keen interest in Music(up to Madhyama Purna), Swimming , Games like cricket & Table Tennis, Philosophy etc.
