

RESUME

KARTIK RAMESHCHANDRA DESAI

	Current Address	Permanent Address
Address	: 1/Nirant Row House, M. G. Road, Bardoli - 394601	1/Nirant Row House, M. G. Road, Bardoli – 394601
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Personal Particulars			
Age	: 47 Years	Date of Birth	: 7 th January, 1974.
Nationality	: India	Gender	: Male
Marital Status	: Married	Permanent Residence	: India

Educational Background			
Highest Education:			
Level	: POST GRADUATION Master of Technology	RESULT	: First Class with Distinction (87.50%)
Field of Study	: CHEMICAL ENGINEERING from Sardar Vallabhbhai National Institute of Technology, Surat.		
Graduation	: Month: AUGUST	Year: 2011	
Dissertation	: Separation of Heavy Metals using Complexation Ultrafiltration (CXUF) - A cost effective and efficient separation method for metal ions using complexation agent and ultrafiltration membrane.		

Educational Qualificatio	: <ul style="list-style-type: none">• Bachelor in Chemical Engineering, 66.00% (First Class with Distinction)'1998.• Diploma Chemical Engineering, Technical Education Board, 71.47% (First Class with Distinction)'1994.• HSC: Second Class (57.00%), Gujarat Secondary & Higher Secondary Board, 1991• SSC: First Class (82.57%), Gujarat Secondary Education Board, 1989.
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Experience:	Academics: (22 years 10 months) <ul style="list-style-type: none">• Served as an “Adhoc lecturer in Chemical Engineering” at “Sardar Vallabhbhai Regional Engineering College”, Surat from December 21st, 1998 to June 25th, 1999.• Served as a “Lecturer in Chemical Engineering Department” at “N. G. Patel Polytechnic”, Isroli-Afwa, Bardoli from December 2nd, 1999 to December 1st, 2005.• Served as a “Senior Lecturer in Chemical Engineering Department” at “N. G. Patel Polytechnic” from December 2nd, 2005 to August 19th, 2013.• Served as a “Head of Chemical Engineering Department” at “N. G. Patel Polytechnic” from August 20th, 2013 to November 19th, 2018.
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- Serving as an “In-charge Principal” at “N. G. Patel Polytechnic” from November 20th, 2018 till date.
- Serving as a “Member of Environmental Audit Cell” at “N. G. Patel Polytechnic” since 2002 and as an authorized signatory in the capacity of the Principal of the institute.

**Environmental
Consultancy:**

1. Presently working as Deputy Quality Manger of Environmental Audit Laboratory as per the requirements of NABL and ISO/IEC 17025:2017 standard.
2. Responsible for overall EMS study and preparation of Environmental Audit Report for industries independently allotted to me. Till date I have worked for more than 70 client industries in context of the Environmental Audit related work.
3. As a part of Environmental Audit Activity, I am responsible for:
 - Overall management of environmental audit laboratory activities.
 - Collecting the sample of Air, Water, Waste water and hazardous waste as per the prescribed method.
 - Data collection and data analysis for preparation of Environmental Audit Report and to check for the compliances in respect to requirements of statutory body.
 - Preparation of adequacy report for Environmental Management system assessment of existing or new projects.
4. As a part of Environmental Audit team having following Core Skills:
 - Water and Waste Water Analysis.
 - Collection and preservation of water and waste water sample by grab or composite sampling.
 - Conversant with analytical aspects for various parameters covered under Environmental Audit activity.
 - Conversant with Quality aspects and technical requirements of NABL with respect to ISO / IEC 17025:2017 standard.

Publications:

- 1) Kartik R. Desai and Y. C. Rotliwala, “Effects of co-processing agents on pyrolysis of polyethylene”, International Chemical Engineering Congress (CHEMCON-2006, GNFC, Bharuch, India, December 16-17, 2006.
- 2) Kartik R. Desai and Z.V.P. Murthy , “Removal of Silver from Aqueous Solutions by Complexation-Ultrafiltration using Anionic Polyacrylamide”, Chemical Engineering Journal (Elsevier), Vol.185-186, p.p. 187-192, 2012 (Impact Factor: 3.461/2011).
- 3) Kartik R. Desai and Z.V.P. Murthy , “Removal of Ag(I) and Cr(VI) by Complexation Ultrafiltration and Characterization of the Membrane by CFSK Model”, Separation Science and Technology (T&F), In print - DOI:10.1080/01496395.2012.690486 (Impact Factor: 1.088/2011)
- 4) Kartik R. Desai and Z.V.P. Murthy, “Optimization of Operating Parameters by Taguchi Method in Silver Ions Rejection by Complexation-Ultrafiltration”, Paper No.-1663, 4th International Congress of Environmental Research (ICER-2011), S.V. National Institute of Technology, Surat, India, December 15-17, 2011.
- 5) Kartik R. Desai and Paranjay K. Desai, “Removal of Silver (I) ions by Complexation-Ultrafiltration (CXUF) using anionic polyacrylamide (aPAM)”, presented at the international conference “Recent innovations in Chemical Engineering -2019 organized by R. N. G. Patel Institute of Technology, BARDOLI.

Achievements:

- A diploma holder in Chemical Engineering from GP, Valsad (1994), a Bachelors of Engineering (Chemical Engg.) in D2D mode from GEC, Gandhinagar (1998) and Master of Technology (Chemical Engg.) from SVNIT, Surat (2011).
- Secured Gold Medal in the year 2011 for the degree of “Master of Technology” from SVNIT, Surat.
- Certified Internal Auditor as per ISO/IEC 17025:2017 for internal audit of Laboratory Management System.

Computer Literacy:

Conversant with Microsoft Windows and MS Office.

Hobbies:

Photography, Reading, Listening to music

I solemnly declare that the information provided above is true to best of my knowledge & belief.

(Kartik R. Desai)