

Bio-Sketch

Dr. Bharatkumar Z. Dholakiya

Assistant Professor,

Department of Applied Chemistry,

Sardar Vallabhbhai National Institute of Technology, SVNIT, Ichhanath, Surat.

bzdholakiya@ashd.svnit.ac.in, bharat281173@gmail.com



SUMMARY

- Ten years of undergraduate teaching experience in **Natubhai V. Patel College of pure and applied sciences as Sr. Lecturer.**
- Two years of Industrial experience in **Torrent Gujarat Biotech Ltd. (TGBL)** as **Production Executive.**
- Extensive research experience as **Program Faculty (Post- Doctoral)** in acid and alkali catalyzed bio-diesel manufacturing using **Fiber Film Reactor.**
- Record of excellence in polymers research for utilization in laminate application.
- Published journal articles in reputed journals.
- Can effectively work in team environment as team leader and/or team member.

EDUCATION

Post- Doc.: Institute of Environmental and Industrial Science (IEIS), Texas State University, San Marcos, Texas, USA.

Ultra-High Efficiency Biodiesel Manufacturing

Ph.D.: Sardar Patel University, Gujarat, India. (**Gold Medal**)

Major: **Polymer Chemistry**

Thesis: "Synthesis, Characterization and Application of Acrylic Modified Unsaturated Polyester Resin For Speciality Applications".

M.Sc.: Sardar Patel University, Gujarat, India, May 1996.

(**Stood first in university and got Gold medal for Academic Excellence**)

Major: **Industrial chemistry**

Dissertation: Fluidized Bed Column for Powder Coating

B.Sc.: Sardar Patel University, Gujarat, India, April 1994.

(**Stood first in university and got three Gold medals for Academic Excellence**)

Major: **Industrial Chemistry**

PROFESSIONAL EXPERIENCE

Program Faculty (Postdoctoral Research): Institute of Environmental and Industrial Science (IEIS), Texas State University, San Marcos, Texas.

Supervisor: Dr. John L. Massingill Jr.

INDUSTRIAL EXPERIENCE

Production Executive *Torrent Gujarat Biotech Ltd. (TGBL), Vil. Masar-391 421, Tal. Padra, Dist. Vadodara, Gujarat –India. Phone: (+91 2662-237212).* **June 1996 to June 1998**

TEACHING EXPERIENCE

1. **Assistant Professor in Chemistry:** Applied Chemistry Department, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India. **March 2009 – Till date**

2. **Senior Lecturer in Industrial Chemistry:** Department of Chemical Sciences, Natubhai V. Patel College of pure and applied sciences, Sardar Patel University, Gujarat, India. **June 1998 – June 2008**

PUBLICATIONS

International and National journal:-13

CONFERENCES, SEMINARS, REFRESHER AND ORIENTATION COURSES, SUMMER AND WINTER SCHOOLS ATTENDED

Summer and winter schools attended:-05

Orientation Programme attended:-01

Refresher Course attended:- 01

Conferences and Seminars attended:-17

HONORS AND AWARDS

1. Awarded "**Jawaharlal Nehru Memorial Fund Award**" for securing first rank in B. Sc. Examination held by the Sardar Patel University during the year 1993-1994.
2. **Appreciation Award as Process Owner of Placement and Career Planning** Committee to acknowledge efforts in bringing the honor of Achieving **ISO 9001-2000 certificate** to Natubhai V. Patel College of Pure & Applied Sciences.
3. Won "M/S Overseas Silk Mills PVT. LTD., Surat" **GOLD MEDAL** for securing highest number of marks in the subject Industrial Chemistry from amongst all the students of T. Y. B. Sc. of V.P. & R.P.T.P. Science College in the year 1993-1994.
4. Won "Shri Kuberbhai Vrajbhai Patel" **GOLD MEDAL** for passing the B. Sc. degree examination in the first class with Distinction and stood first class (i.e. 913/1280) in the external assessment in the theory examination of S. Y. B. Sc. and T. Y. B. Sc. Examination taken together by Sardar Patel University in the year 1994.
5. Won "Dipee Chemicals Private Limited (Ankleshwar)" **GOLD MEDAL** for passing the B. Sc. degree examination in the first class with Distinction obtaining highest number of marks (i.e. 542/720) in the external assessment (Theory only) from amongst the students who have passed the B.Sc. degree Examination offering 'Industrial Chemistry' as principal subject by Sardar Patel University in the year 1994.
6. Won "Sumanben Shantibhai Patel" **GOLD MEDAL** for securing highest number of marks in the subject Industrial Chemistry from amongst all the students of M. Sc. of V. P. & R. P. T. P. Science College in the year 1996.
7. Won "VPM Golden Jubilee" **GOLD MEDAL** for excellent work done during research for Ph.D. degree in the subject Chemistry at V.P. & R.P.T.P. Science College in the year 2006.
8. Won Shri Mahijibhai and Shri Manibhai Devajibhai Patel **prize** for securing highest number of marks in the subject of Physics from amongst all the students of S. Y. B. Sc. Of V. P. & R. P. T. P. Science College in the year 1993.
9. Won Shri Ramanbhai Ranchhodbhai Patel **prize** for securing highest number of marks in the subject Industrial Chemistry from amongst all the students of S. Y. B. Sc. of V. P. & R. P. T. P. Science College in the year 1993.
10. Won Shri Khusalbai Kalidas Patel **prize** for securing highest number of marks in the subject Industrial Chemistry from amongst all the students of T. Y. B. Sc. of V. P. & R. P. T. P. Science College in the year 1993-1994.
11. Won award for scientific contribution for Article Published in "Modern Plastics & Polymers" from Info-media India Limited in the year 2006.
12. Won award for scientific contribution for Article Published in "Modern Plastics & Polymers" from Info-media India Limited in the year 2007.