

CURRICULUM VITAE

1. Name: DESHPANDE, Pradeep B.
Date of Birth: December 12, 1942
Academic Rank: Professor Emeritus

2. Degrees, with field, institution and date:

B.Sc. - Chemistry, Physics - Karnatak University, Dharwar, India - 1962
B.S. - Chemical Engineering - University of Alabama - 1965
M.S. - Chemical Engineering - University of Alabama - 1967
Ph.D. - Chemical Engineering - University of Arkansas - 1969

3. Number of years service on this faculty:

Retired December 31, 2004
Thirty years of full-time service
Original appointment as Associate Professor, 1975
Promoted to Professor in 1980
Department Chair: July 1, 1985 – June 30, 1990

4. Other related experience - teaching, industrial, etc.:

Visiting Professor Summers 1990, 1993	Exxon Chemical Co., Baton Rouge, LA
Visiting Scientist 1983-1984	National Chemical Lab, Pune, India
Visiting Professor 1980	Indian Inst. of Tech. Madras, India
Control Engineer 1974-1975	Bechtel, Inc. San Francisco, CA
Visiting Asst. Professor 1973-1974	Drexel University Philadelphia, PA.
Asst. Professor 1972-1973	Indian Inst. of Tech. Kanpur, India
Asst. Professor 1970-1972	Howard University, Washington, D.C.
Asst. Professor 1969-1970	University of Arkansas Fayetteville, AR

Engineer
1967-1968

Northrop Corp.
Huntsville, AL

5. Consulting:

Mobil Exploration Norway, Inc., Sandvika, Norway, 1977-1978
DuPont Company, 1980-present
Exxon Chemical Co., 1984-present
Indian Oil Corporation, 1990
Pidilite Industries, Ltd., Bombay 1996-98

6. States in which registered:

None

7. Principal publications for the last six years:

- Deshpande, P. B. and Alatiqi, I. M., Editors, Proceedings of the Workshop on Control Systems Frontiers for the Petroleum, Power, and Water Production Industries, Kuwait Foundation for the Advancement in Sciences, November 11-15, 2000.
- Burden, A. C., Deshpande, P. B., and Watters, J. C., Advanced process Control of a B-9 Permasep Permeator Desalination Pilot Plant, Desalination, 133, 2001 pp. 271-283.
- Leffew, K. W., Yerrapragada, S. S., and Deshpande, P. B., *Six Sigma* and Solid-state Polymerization, Chemical Engineering Communications, 188, October 2001 pp. 109-114.
- Burden, A. C., Tantalean, R. Z., and Deshpande, P. B., Control and Optimize Nonlinear Processes, Chemical Engineering Progress, 99, 2, February 2003. pp. 63-73.
- Deshpande, P. B. and Tantalean, R. Z., Process Control and Optimization, Six Sigma and Advanced Controls, Inc., January 2006 (Expected Release Date).

8. Professional societies:

International Society for Measurement and Control (ISA)

9. Honors and Awards:

Fellow, Instrument Society of America

Appointed to Roster of Experts, United Nations Development Program, 1984.

150th Anniversary Outstanding Engineering Fellow, University of Alabama,
April 1988

Received The Donald P. Eckman Award, New Orleans, 1990

Alumni Research Scholar, Speed Scientific School, 1995-98.

10. Institutional and professional service in the last six years:

- Recruit graduate students
- AIChE Lecture Series
- Search Committee for Department Chair

11. Professional development activities in last six years:

A. Reviewer for:

- National Science Foundation
- Petroleum Research Fund
- Industrial Engineering Chemistry Research
- Computers and Chemical Engineering