

## B. File 2 Data

### Curriculum Vitae

Name : Dr. Sushama Mohan Kale

Designation : Assistant Professor in Chemistry in P.E.S. Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 411016

Academic Background :

Ph. D.	Chemistry (2003)	NCL, Pune	S. P. Pune University
M.Sc.	Inorganic Chemistry (1993)		S. P. Pune University
B.Sc.	Chemistry (1991)		S. P. Pune University

Awards

- Awarded Senior Research Fellowship (SRF) by Council of Scientific and Industrial Research (CSIR), New Delhi (April 1997 to March 2000).

Experience

- Teaching (UG & PG) : 10 years
- Research : 7 years

List of Publications

- Selective chlorination of 4-chlorotoluene using zeolite catalyst. *A. P. Singh, S. Sharma and S. M. Kale, Journal of Molecular Catalysis, A: Chemical*, 127 (1997) 101.
- Para-selective chlorination of bezyl chloride to 4-chlorobenzyl chloride over zeolite catalysts. *A. P. Singh, S. M. Kale, Catalysis Today*, 49 (1999) 245.
- Chlorinikaran Abhikriyaon me Zeolite Utpreerak ka Yogdan. *S. M. Kale and A. P. Singh* Proceedings of the National seminar on "Catalysis and Environment " (in Hindi, held at NCL, Pune) (Oct. 1999) 3.
- Para-selective chlorination of cumene with sulfuryl chloride over zeolite catalysts. *S. M. Kale and A. P. Singh, Applied Catalysis*, 228 (2002) 1.
- Selective preparation of 4,4'-dichloridiphenylmethane over zeolite K-L catalyst using sulfuryl chloride. *S. M. Kale and A. P. Singh, Journal of Molecular Catalysis, A: Chemical*, 184. (2002) 399.
- Liquid phase bromination of ethyl benzene over zeolite catalysts. *A. P. Singh and S. M. Kale, Bulletin of Catalysis Society of India*, 1 (2002) 73.

Patent

- An improved process for the preparation of halocumenes. *A. P. Singh and S. M. Kale, US Patent No. 5,892,138 (1999)*.