PUBLICATIONS

1. "Oxidative dehydrogenation of aqueous ethanol over the molecular sieve TS-1", 

2. "Synthesis and catalytic properties of crystalline, microporous vanadium silicates with 
   MEL structure", 

3. "Catalytic hydroxylation of phenol over vanadium silicate molecular sieve with MEL 
   structure", 

4. "Oxyfunctionalization of alkanes with H$_2$O$_2$ catalyzed by vanadium silicates", 

5. "Oxidative dehydrogenation of aqueous ethanol over non-acidic pentasil type zeolites", 
   P.R. Hari Prasad Rao, A. Thangaraj and A.V. Ramaswamy, Recent Developments in 
   Catalysis, Theory and Practice, (Eds. B.Viswanathan and C.N. Pillai), Narosa, New Delhi 

6. "Selective oxidation reactions over vanadium silicate molecular sieves", 
   on Heterogeneous Catalysis and Fine Chemicals, Poitiers, France, April (1993) (Accepted 
   for oral presentation).

7. "Synthesis and characterization of vanadium silicate with MEL structure", 

8. "Studies on the crystalline microporous vanadium silicates, II. FTIR, NMR and ESR 
   spectroscopy and catalytic oxidation of alkyl aromatics over VS-2", 
   P.R. Hari Prasad Rao, A.A. Belhekar, S.G. Hegde, A.V. Ramaswamy and P. Ratnasamy, 

9. "Studies on the crystalline microporous vanadium silicates, III. Selective oxidation of 
   n-alkanes and cyclohexane on VS-2", 

10. "Theoretical studies on the isomorphous substitution of vanadium into molecular sieves", 
    R. Vetrivel, P.R. Hari Prasad Rao and A.V. Ramaswamy, (to be communicated).

11. "Selective oxidation of N and S containing compounds on vanadium silicate molecular 
    sieves", 
    P.R. Hari Prasad Rao, A.V. Ramaswamy and P. Ratnasamy (to be communicated).
Patents

1. "A process for the preparation of vanadium titanium silicate molecular sieve",
P.R. Hari Prasad Rao, A. Thangaraj and A.V. Ramaswamy, 1025/DEL/91

2. "A process for the preparation of a novel porous crystalline material vanadium silicate, VS-2",
P.R. Hari Prasad Rao, A.V. Ramaswamy, and P. Ratnasamy, (applied).

3. "A process for the preparation of large pore vanadium silicate molecular sieve",