

## List of papers published in journals during April 2001- March 2002

1. Characterisation and dehydrodesulfurization of WS<sub>2</sub> supported on mesoporous AlHMS material  
T Chiranjeevi, Prashant Kumar, M S Rana, B N Srinivas, S K Maity G Murali Dhar and T S R Prasada Rao  
Microporous and Mesoporous Material Journal, 44-45(1-3) 547, April
2. Thermal properties and crystallization behaviour of solid n-paraffin components derived from mukta crude oil  
H U Khan, S P Nautiyal, K M Agarwal, R L Sharma and A Sikora  
Petroleum and Coal 43, 1, 13-16, (April) 2001
3. Basic Engineering Package; A Bridge between laboratory and industry  
H B Goyal  
Chemical Weekly 165-167, April 17, 2001  
(NA)
4. Alkyloxy alkylamino propanols as multifunctional furl stabilizers  
Petroleum Science Technology 19(3&4), 411-424, 2001  
`Priyanka Juyal & O N Anand
5. Characterization and catalytic activity of Ni-W/SiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub> hydrocracking catalysts  
Indian Journal of Chemical Technology Vol 8, May, 169-175, 2001  
**(0.296)**  
L D Sharma, Manoj Kumar, J K Gupta, M S Rana, V S Dangwal 7 G Murli Dhar
6. Control of Mesoporosity in alumina  
Indian Journal of Chemical Technology Vol 8, May, 157-161, 2001  
Manoj Kumar, Babu Lal, Anand Singh, A K Saxena, V S Dangwal, L D Sharma & G Murli Dhar
7. Naphthalene: FCC Value added product  
R P Badoni and Uma Shanker  
Chemical Engineering World 47-49, May 2001
8. Compositional studies on hydrocarbon type fraction from deasphalted oils and asphalt by NMR spectrometry;  
Petroleum Science & Technology, 19(7&8), 885-898, July 2001.  
R Kohli, B M L Bhatia and D Madhwal

9. Living free radical polymerisation : A Review  
H S Bisht & A K Chatterjee  
J Macromolecular Science: Polymer Review 41(3), 139-173, July 2001
10. A new approach to the estimation of LDF parameters in the numerical simulation of pressure swing adsorption process.  
Ind. Eng Chem Res 40(22) 4967-4972, Oct 31 2001  
A N Goswami, A Nanoti, M O Garg, P Gupta
10. Studies on the removal of furfural from water by adsorption in polymeric resins  
Separation Science & Tech 36(113)2835-2844, Oct2001  
P.Gupta, A.Nanoti, M.O.Garg and A.N.Goswami
11. Cobalt phthalocyanine tetra sulphonamide catalyzed aerobic oxidation of  $\alpha$ -hydroxyketones : An efficient & simple synthesis of  $\alpha$ -diketones  
Suman Jain & Bir Sain  
J. Mol. Catalysts A : Chemical 176(1-2), 101-104, Nov 2001
12. Performances of rhenium oxide –encapsulated ZSM-% catalysts in propane selective oxidation/ammoxidation  
N Viswanadham, T Shido and Y Iwasawa  
Applied Catal A; General 219(1-2), 223-233, Oct2001
13. Long Chain Alkyl Amine Templated Synthesis of a Mesostructured Lamellar Vanadium Phosphate Phase  
S. Dasgupta, M. Agarwal, A. Datta  
J. Mater. Chem.12, 162-164, Jan 2002
14. Rheological characteristics in relation to asphaltic components of some Indian crude oils  
S K Khanna, C P Nautiyal, K M Agarwal, D S Aswal, S S Sawhney & H U Khan  
Petroleum & Coal. 43(2), 119-213, Dec 2001
15. Cold flow properties of some refined wax solvent systems  
A K Gupta, K M Agrawal  
Petroleum & Coal. 43(2), 89-91, Dec 2001
16. Characterization and catalytic activity of novel palladium-incorporated vanadium phosphates  
J Molecular Catalysis A: Chemical 181(1-2), 119-127, March 2002  
A Datta, M Agarwal, S Dasgupta, R Y Kelkar, A R Saple

18. Physico-chemical characterization and catalysis on mesoporous Al-HMS supported Molybdenum hydrotreating catalysts.  
J Molecular Catalysis A: Chemical 181(1&2), 109-117, March 2002  
T Chiranjeevi, M S Rana, G Muralidhar & T S R Prasada Rao
19. Characterization and catalytic activities of Mesoporous MCM-41 supported WS<sub>2</sub> hydrotreating catalysts  
T Chiranjeevi, Prashant Kumar, M S Rana, G Murali Dhar and T S R Prasada Rao  
Studies in surface science and catalysis series, Elsevier Vol 131, 2001.
20. Catalytic functionalities of USY zeolite supported hydrotreating catalysts  
K S Rawat, M S Rana and G Murali Dhar  
Studies in surface science and Catalysis series, Elsevier Vol 131, 2001
21. Preparation and Characterization of MgO/Al<sub>2</sub>O<sub>3</sub> mixed oxides support for hydrotreating catalysts.  
F Aberuagba, Manoj Kumar J K Gupta, G Murali Dhar & L D Sharma  
Reaction Kinetics & Catalysis Letters 75(2), 245-250, March 2002
22. Effect of molecular composition on the oxidation behaviour of Group I Base oils in presence of antioxidant additive  
A. Adhvaryu, Sevim Z. Erhan and I. D. Singh;  
Lubrication Science 14(3), 2002
23. Characterization and application of NMR to solvent refined aromatic rich lubricant base oils;  
Adhvaryu, S.Z.Erhan and I.D.Singh;  
Lubr. Sci., 14(2), 2002.
24. Automotive Engine Lubricants – Current and Future needs  
R L Mendiratta  
Motor India, Nov 2001