

LIST OF PUBLICATION  
OF  
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(\*Indicates International Publications)

1. Kumar, T. : “*Some Rheological Properties of Emulsions of Refinery Cuts with Water,*” The New Sketch, Dhanbad (May 24, 1982).
2. Kumar, T.: “*Importance of Crude Oil Emulsion for the Petroleum Industry,*” Souvenir, National Seminar on Problems of Production - Onshore and Offshore held at Indian School of Mines, Dhanbad (21-23 October 1984).
3. Kumar, T. and Srinivasan, S.: “*Effect of Temperature on the Rheological Properties of Oilfield Emulsions,*” Proceedings, the National Seminar on Problems of Petroleum Production: Onshore & Offshore, held at Indian School of Mines, Dhanbad (Oct. 21-23, 1984).
4. Kumar, T.: “*Flow Properties of New Fracturing Fluid and Fluid-Proppant System for Use in Well Stimulation Programme,*” Energy Journal, URJA (May 1985).
- \*5. Kumar, T. and Srinivasan, S.: “*A New Model for Analysis of the Rheological Properties of Crude Oil-Water Emulsion Systems,*” Paper SPE 15201, Microfiche Volume of Society of Petroleum Engineers International, USA, (1985).
- \*6. Kumar, T.: “*Principles of Simulation Applied to Oilfield Venture Analysis with System Approach,*” Paper SPE 14488, Journal of Petroleum Technology, USA (October, 1986).
- \*7. Kumar, T. and Todd, A.C.: “*A New Approach for Mathematical Modeling of Formation Damage Due to Invasion of Solid Suspension,*” Paper SPE 18203, Proceeding of the 1988 SPE Annual Technical Conference and Exhibition held in Houston, Texas, USA (Oct. 2-5, 1988).
8. Kumar, T.: “*Formation Damage during Well Stimulation,*” Energy Journal, URJA (Nov.1989).
9. Kumar, T. and Jha, M.K.: “*Artificial Island to Develop Shallow Offshore Oilfields,*” Proceedings, National Seminar on Strategies in Petroleum Production & Utilization held at Indian School of Mines, Dhanbad (Jan. 13-14, 1990).
10. Kumar, T.: “*Systems Approach of Problem Solving with reference to Petroleum Industry,*” Proceedings, National Seminar on Strategies in Petroleum Production & Utilization held at Indian School of Mines, Dhanbad (Jan. 13-14, 1990).
11. Kumar, T.: “*Role of Formation Damage Evaluation in Predicting Well Injectivity,*” Energy Journal URJA (May 1990).
- \*12. Todd, A.C., Kumar, T. and Mohammadi, S: “*The Value and Analysis of Core-Based Water Quality Experiments as Related to Water Injection Schemes,*” SPE Formation Evaluation Journal, USA (June 1990).
13. Kumar, T. and Jha, M. K.: “*Petroleum Engineering Education in India,*” Mineral and Mining World, (Nov.-Dec. 1990)

14. Kumar, T.: "*Crude Oil Emulsions: Their Role in Petroleum Industry,*" *Energy journal*, URJA, New Delhi (Feb.1991).
15. Kumar, T. Jha, M.K. and Mani, J.S. : "*Feasibility Study on Developing an Artificial Island off East Coast of India,*" Proceedings, the Fourth Indian Conference on Ocean Engineering, ENCOE-91, National Institute of Oceanography, Goa (Sept 4-6,1991).
16. Kumar, T.: "*Capillary Network Modeling of Porous Media,*" Chem. Eng. Division, Journal of the Institution of Engineers (India) Vol. 22 Pt. CH - 3, (Feb. 1992).
- \*17. Kumar, T.: "*Formation Damage Resulting from Particle Invasion,*" URJA Oil & Gas International, New Delhi, (Feb. 1992).
- \*18. Singh, Padam, Vidyasagar, K and Kumar, T.: "*Establishing the operating parameters of a Gas/Dual Fuel Engine and their cost comparison with a diesel engine,*" URJA Oil & Gas International, New Delhi (July-Aug. 1992).
19. Kumar, T. and Jha, M.K.: "*Selection of Artificial Island for Shallow Oilfields,*" Ocean Technology Perspectives, Publications & Information Directorate, CSIR, New Delhi (1994), pp 200-214.
20. Kumar, T. and Todd, A.C.: "*Application of Probability Methods in Network Modeling of Formation Damage Predictions,*" SPE NIS 93033, Proceedings, SPENIS National Seminar on Technology Trends in Oil Industry, Dehradun, UP (Jan 7-8,1994).
21. Siddiqi, A.M., Kumar, T. and Doshi, C.S.: "*Development of Marginal Oil & Gas Fields by Linear Programming Models - a Techno-Commercial Approach,*" SPENIS 93053, Proceedings, SPENIS National Seminar on Technology Trends in Oil Industry, Dehradun, UP (Jan. 7-8,1994).
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- \*23. Sharma, V.P., Singh, Inderjit and Kumar, T.: "*A Case Study of Environment Management Problems of Indian Oilfields,*" SPE 27145 Proceedings, the second International Conference on Health, Safety and Environment in Oil and Gas Exploration and Production at Jakarta, Indonesia (Jan. 25-27, 1994).
- \*24. Pathak, A.K. and Kumar, T.: "*Development of a Computer Software for Three Dimensional Monitoring of Directional Wells,*" Proceedings, PETROTECH-95, the first International Petroleum Conference and Exhibition, New Delhi (Jan. 9-12, 1995).
- \*25. Jha, K.N., Narasimhan, J.L. and Kumar, T.: "*Reservoir Engineering Aspects of Horizontal Well Technology,*" Proceedings, PETROTECH- 95, the first International Petroleum Conference and Exhibition, New Delhi (Jan. 9-12, 1995).
- \*26. Pathak, A.K. and Kumar, T.: "*Slant Hole Drilling: A Better Drilling Technique for Larger Horizontal Targets,*" Proceedings, PETROTECH - 95, the first International Petroleum Conference and Exhibition, New Delhi (Jan. 9-12, 1995).
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- \*29. Kumar, T. and Choudhary, P.K.: "*Recent Advances in Treatment and Inhibition of Oilfield Scale,*" Proceedings, PETROTECH - 95, the first International Petroleum Conference and Exhibition, New Delhi (Jan. 9-12, 1995).
30. Karmakar, G.P. and Kumar, T.: "*Conservation of Petroleum during Production,*" Proceeding, Seminar on Oil Conservation organized jointly by ISM and PCRA, at ISM, Dhanbad (Dec.8, 1995).
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- \*32. Pathak, A.K. and Kumar, T.: "*Slant-Hole Drilling - A Better Technique for Larger Horizontal Displacement,*" Drilling and Exploration World Journal (1996).
- \*33. Kumar, T.: "*Evaluating the Impact of Formation Damage on Oil and Gas Production,*" Drilling and Exploration World Journal, Vol. 05 No. 04 (1996).
34. Pathak, A.K., Kumar, T., Ahmad, I. & Mishra, S.N.: "*Characterization of Surface Active Compounds in Indigenous Crude Oil Fractions,*" paper No. TU- Chem. (07)/96, Abstract Proceedings, the National Conference on Colloid and Emulsions of Natural and Synthetic Systems, Tripura University, Agartala, awarded certificate of merit & Cash prize, (Feb. 2-4, 1996).
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- \*36. Kumar, T. and Maji, A.K.: "*Status of Horizontal Well Technology in India,*" Drilling and Exploration World Journal, Vol. 06, No. 01 (Dec 1996).
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43. Kumar, T.: "*Role of Formation Damage in Oil Production and Well Injectivity,*" *Proceedings, IORS 1997, the Fourth Annual India Oil & Gas Review Symposium, Mumbai* (August 18-19, 1997).
- \*44. Shah, P.K., Narasimhan, J.L. and Kumar, T.: "*Water Injection Response in the L-III Reservoir of Bombay High North,*" *PETROMIN Journal, Singapore* (Aug. 1997).
45. Kumar, T. and Choudhuri, B.: "*Practicalities of Detection of Boundaries From Pressure Transient Tests,*" *Proceedings, the National Seminar on Technological Advances and Challenges in Oil & Gas Industry, Indian School of Mines, Dhanbad* (Jan. 9 & 10, 1998).
46. Kumar, T., Sharma, V.P. and Choudhary, P.K.: "*A Case Study of Produced Water Contaminants and its Effects on Environment with Special Emphasis on Minimizing Scale Formation,*" *Proceedings, the National Seminar on Technological Advances and Challenges in Oil & Gas Industry, Indian School of Mines, Dhanbad* (Jan. 9 & 10, 1998).
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- \*49. Kumar, T. Vishwanatham, S., Emranuzzaman and Talukdar, B.N.: "*Nitrogen Containing Organic Compounds as Corrosion Inhibitors of Mild Steel Corrosion in Oilfield Acids,*" *paper SPE 39534, Proceedings, SPE India Oil & Gas Conference and Exhibition, New Delhi* (April, 7-9, 1998).
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- \*90. Kumar, T., : "*Making Available Adequate Mining Professionals for Meeting Growth Challenges*", Proc., Global Mining Summit, Organised by CII, Kolkata, (November 6-7, 2008).
91. Kumar, T., : "*Quality and Relevance in Higher Technical Education with Reference to Mineral Industries*" Univesity News Special Issue on Quality and Relevance of Higher Education, Vol. 46, No. 46, (November 17-19, 2008).
- \*92. Kumar, T., : "*Environmental Management & Conservation in Petroleum Sector*", Proc. International Conference on Mineral Industry in the New Economy : Challenges & Opportunities, MINE-2009, organized by ISM Alumni Association, Kolkata Chapter, Kolkata, (January 15-16, 2009).
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