

## PUBLICATIONS AND CONFERENCES

### Publications

- Mishra, S., Bera, A., Mandal, A., “Effect of Polymer Adsorption on Permeability Reduction in Enhanced Oil Recovery”, Journal of Petroleum Engineering, Vol. 2014, Article ID-395857, <http://dx.doi.org/10.1155/2014/395857>
- Mishra, S., Ojha, K., “Chemical Sand Consolidation: an Overview”, Journal of Petroleum Engineering and Technology, 2015, Vol. 5, Issue 2, pp. 21-34
- Mishra, S., Ojha, K., “Application of an Improvised Inorganic-Organic Chemical Mixture to Consolidate Loose Sand Formations in Oil Fields”, Journal of Petroleum Science and Engineering, 2016, Vol. 137, pp. 1-9, <https://doi.org/10.1016/j.petrol.2015.11.008>
- Mishra, S., Ojha, K., “Nanoparticle Induced Chemical System for Consolidating Loosely Bound Sand Formations in Oil Fields”, Journal of Petroleum Science and Engineering, 2016, Vol. 147, pp. 15-23, <https://doi.org/10.1016/j.petrol.2016.05.005>
- Mishra, S., Ojha, K., “Optimization of the Parameters for the Sand Consolidation Using Organic-Inorganic Silicate Solution”, under review process in Petroleum Sciences, Springer Journals.

### Conferences

- Mishra, S., Ojha, K., “Development of New Chemicals for Consolidating the Loose Sand Formations in Oil Fields”, National Symposium on Recent Advances in Chemistry and Industry, held on 01-02 August, 2014, Kolkata, India
- Mishra, S., Ojha, K., “Application of Silicates as Binding Agent for Sand Consolidation in Oil Industry”, 4th International Science Congress, held on 8th & 9th December, 2014, Udaipur, India
- Mishra, S., Ojha, K., “Hybrid NanoSiO<sub>2</sub>-Silane System to Control the Sand Production in the Oil Fields”, International Conference on Recent Trends in Engineering and Material Science (ICEMS-2016), held on 17-19 March, 2016, Jaipur, India
- Mishra, S., Ojha, K., “A Novel Chemical Composition to Consolidate the Loose Sand Formation in the Oil Field”, IPTC-19007-MS, Presented at International Petroleum Technology Conference (IPTC-2016) held at Bangkok, Thailand, 14-16 November, 2016, <http://dx.doi.org/10.2523/IPTC-19007-MS>