



Name : Dr. Manish Kumar Mishra

Position : Associate Professor

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Other Details

Educational Qualifications

- M.Sc., Ph.D.(Chemistry)

Academic Experience

- 9 years Teaching and Research,

Research Areas of interest

- Development of efficient and environmentally friendly catalytic materials and methodologies to establish industrially viable processes for synthesis of chemicals.
- Synthesis of mesoporous and nano-catalytic materials, supported catalysts and functionalized materials for heterogeneous catalysis.
- Micellar catalysis using aqueous solution of surfactants for fast and selective organic synthesis in water under ambient reaction condition.
- Heterogeneous photocatalysis for degradation of organic pollutants and organic synthesis.
- To understand the reaction mechanisms of various heterogeneous catalysis processes.

Expertise

- Synthesis of nano-, mesoporous- and supported catalytic materials, Heterogeneous catalysis, Surface science, Green Chemistry

Highlights of achievements

- Guided 4 PhDs, 17 M.Tech and 1 M.Pharm students
- Handled major (05) and minor (06) research projects sponsored by DST, UGC and industries

No. of peer-reviewed publications

: 36

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List of Publications

(Provided a list of publications in Sheet-I)

Honors

- Achiever's Award (in research) for the year 2013-14 by D.D. University Alumni Association.
- Dr. D.O. Shah Research Excellence Award 2013 by

Shah-Schulman Centre for Surface Science and Nanotechnology, D. D. University, Nadiad, Gujarat.

- Awarded with Senior Research Fellowship by Council of Scientific and Industrial Research India (CSIR) in 2004.
- Cleared National Eligibility Test (NET) CSIR-JRF June 2004.

Other interests

Research Projects

[Click here](#)

(Provides a list in Sheet-II)

- P. S.: Please provide the scan of copy of the photograph separately in jpeg, jpg, or bmp format.