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- Education and experience
- MSc.& PhD: IIT Madras
 - Postdoc: Syracuse University, USA; St.Andrews University, UK; Queen's University, UK
 - Solid State Chemistry, Materials Chemistry, Structural characterizations of solids, Heterogeneous Catalysis
- Research subjects:
- Catalysis
 - Solid State Inorganic Chemistry
 - Materials Chemistry
- Research Areas
- **Designing and synthesis of fluorescent Au nanoclusters for catalysis and biological applications**
 - Development of noble metal incorporated structured oxides for hydrogen production.
 - Dense ceramic membranes for oxygen permeation and enrichment
 - Photocatalytic water splitting
- Recent selected publications
- Anupam Samanta and R. Nandini Devi*, ChemCatChem, 2013, accepted
 - Anupam Samanta, Basab B. Dhar and R. Nandini Devi*. New J. Chemistry, 36, 2625-2629.
 - Chamundi Jijil, Sreekuttan Unni, Kurungot Sreekumar* and R. Nandini Devi*. Chemistry of Materials, 2012, DOI: 10.1021/cm301863x
 - Thattarathody Rajesh, Anakot K. Rajarajan, Chinnakonda S. Gopinath and R. Nandini Devi*, J. Phys. Chem. C. 2012, DOI: 10.1021/jp212211d
 - Anupam Samanta, Basab B. Dhar and R. Nandini Devi*. J. Phys. Chem. C 2012, 116, 1748-1754
 - Atul K. Prashar, S. Mayadevi, P.R. Rajamohanam and R. Nandini Devi*. [Applied Catalysis A: General](#), [Volume 403, Issues 1-2](#), 22, 2011, Pages 91-97
 - Atul K. Prashar, Robert P. Hodgkins, Jima N. Chandran, P.R. Rajamohanam and R. Nandini Devi*. Chemistry of Materials, 2010, 22, 1633