
List of Publications

A] Related to Thesis Work in Internationally Peer Reviewed Journals

1. Simplistic approach for in-situ generation of ZnS quantum dots in polyphenylene sulphide matrix via chalcogen enriched solid-solid reaction technique
Narendra Rumale, Sudhir Arbuj, Govind Umarji, Manish Shinde, Uttam Mulik, Anuj Pokle, Dinesh Amalnerkar,
Phys. Status Solidi A, **2013**, 210, 345-348
2. Single Step Solid-Solid Reaction Scheme for the synthesis of Cobalt Sulphide-Oxide Nanoparticles in Polymer Matrix
Narendra Rumale, Sudhir Arbuj, Govind Umarji, Manish Shinde, Uttamrao Mulik, Anuj Pokle, Dinesh Amalnerkar.
Advances in Nanoparticles, **2013**, 2, 28-31
3. Thermoplastic polymer domain for synthesis of manganese sulphide nanoparticles by simple solid-solid reaction
Narendra Rumale, Sudhir Arbuj, Govind Umarji, Manish Shinde, Uttamrao Mulik, Anuj Pokle, Ranjit Hawaldar, Dinesh Amalnerkar
Nanoscience and Nanotechnology Letters, **2013**, 5, 902-906
4. In-situ fabrication of cobalt oxide / sulphide mixed phase nanoparticles in Polyphenylene Sulphide matrix
Narendra Rumale, Sudhir Arbuj, Govind Umarji, Manish Shinde, Uttamrao Mulik, Anuj Pokle, Shital Shinde, Dinesh Amalnerkar
Carbon- Sci.Tech., **2013**, 5/2, 243-250
5. Environmentally benign solid-solid Route for synthesis of ***cobalt sulphide nanoparticles*** in Polyphenylene Sulphide matrix.
Narendra Rumale, Sudhir Arbuj, Govind Umarji, Manish Shinde, Uttam Mulik, Anuj Pokle, Pattayil Joy, Dinesh Amalnerkar
Under Submission

B] Allied Publications in Internationally Peer Reviewed Journal

1. Synthesis of Photoluminescent ZnO Nanopencils and their Photocatalytic Performance
Sudhir S. Arbuj, **Narendra Rumale**, Anuj Pokle, Jalindar Ambekar, Uttam P. Mulik and Dinesh P. Amalnerkar
Sci.Adv.Materials, **2014**, 6, 269-275

C] List of Publication: International Conference

1. Synthesis of *Zinc Sulphide* **quantum dots** by green solid-solid technique
Narendra Rumale, Sudhir Arbuj, Govind Umarji, Manish Shinde, Uttam Mulik, Anuj Pokle, Dinesh Amalnerkar
Paper presented at Indo-US Workshop on Nano-Structured Electronic Materials: Challenges and Relevance to Electronics and Energy Research (IUSWNM 2013), 8th -11th March, **2013**, Thrissur, Kerala, India.
2. In-situ fabrication of cobalt oxide / sulphide mixed phase nanoparticles in Polyphenylene Sulphide matrix
Narendra Rumale, Sudhir Arbuj, Govind Umarji, Manish Shinde, Uttamrao Mulik, Anuj Pokle, Shital Shinde, Dinesh Amalnerkar
Paper presented at, IInd International Conference on Nanotechnology Innovative Materials Processes, Products and Applications, (Nanocon 2012), 17-18 October **2012**, Bharti Vidyapeeth, Pune, India.
3. One pot synthesis of polymer zinc chalcogenides / oxides based nano-composites by novel polymer-inorganic solid-state reaction
Narendra Rumale, Govind Umarji, Manish Shinde, Uttamrao Mulik, Dinesh Amalnerkar.
2nd International Symposium on Advanced Materials and Polymers for Aerospace and Defence Applications (SAMPADA), 8th -12th December, **2008**, Pune, India.

D] List of Allied Publication: National Conference

1. Properties of Wire Enamels Modified with Tricarboxylic Acid Derivatives
S.R.Dubey, R.D. Kulkarni, S.M.Khatake, **N.P.Rumale**, H.R.Tamboli and
V.A.Bhanu
Poster paper presented at Recent Advances in Polymer Technology, March
2, **2012** UDCT, Jalgaon,
2. Synthesis and Characterization of Poly(benzoxazine) and its Nano
Composites
Kalpana Patil, R.D.Kulkarni, M.R.Mulay, **N.P.Rumale**, S.T.Shinde,
H.R.Tamboli and V.A.Bhanu
Poster paper presented at Recent Advances in Polymer Technology,
December 28-29, **2009**, UDCT, Jalgaon, Maharashtra.
3. Evaluation of ***BYK Nano Alumina*** additives in the Epoxy Wire enamel
for Improvement in Insulating Properties.
R.Panwar, R.D.Kulkarni, M.R.Mulay, **N.P.Rumale**, and V.A.Bhanu
Poster paper presented at Recent Advances in Polymer Technology,
December 28-29, **2009**, UDCT, Jalgaon, Maharashtra.
4. Study of structure property relation in wire enamel resin.
Rajendra Panwar, R.D.Kulkarni, **N.P. Rumale**, and V. A. Bhanu
Poster paper presented at Recent Advances in Polymer Technology,
January 2009, UDCT, Jalgaon, Maharashtra.