List of Publications:

Papers published in Journals:

2. Benzoyl transfer reactivities of racemic 2,4-di-O-acyl-myo-inositol 1,3,5-orthoesters in the solid state: molecular packing and intermolecular interactions correlate with the facility of the reaction.


4. Use of sulfonate protecting groups: synthesis of scyllo-inositol and mytilitol from myo-inositol.

5. Solvent induced polymorphism in myo-inositol 1,3,5-orthoesters: X-ray structure of four triols and their polymorphs.
   **Sarmah, M. P.;** Murali, C.; Bhosekar, G.; Gonnade, R. G.; Sureshan, K. M.; Shashidhar, M. S.; Bhadbhade, M. M. (*Manuscript to be communicated*).

Papers presented in conferences:

Oral presentations in conferences:
1. Role of C-H...π interactions in intermolecular reactions: transesterification of helically self assembled myo-inositol 1,3,5-orhtoesters in the solid state.
   **Sarmah, M. P.;** Gonnade, R. G.; Shashidhar, M. S.; Bhadbhade, M. M
   Presented at the XXXIII National Seminar on Crystallography, Jan. 8-10, 2004 (organized by Indian Crystallographic Association); National Chemical Laboratory; Pune- 411 008; Maharashtra, India.

2. Sulfonate protecting groups: efficient synthesis of (+) & (-) Laminitol, scyllo-inositol and mytilitol from myo-inositol.
Sarmah, M. P.; Shashidhar, M. S.

Presented at the National Symposium on Current Trends in Chemical Research; Feb.27-28, 2004; Department of Chemistry; Gauhati University; Guwahati- 781 014; Assam, India.

Posters presented in conferences:

1. Acyl transfer reactions of myo-inositol derivatives in the solid state.
   Sarmah, M. P.; Shashidhar, M. S.
   Poster presented at National Bioorganic Symposium-7, Nov. 9-10, 2001 (organized by Indian Society for BioOrganic Chemists); Department of Chemistry; Guru Nanak Dev University; Amritsar- 143 005; Punjab, India.

2. Acyl transfer reactions of myo-inositol derivatives in the solid state: correlation with their crystal structures.
   Sarmah, M. P.; Gonnade, R. G.; Bhadbhade, M. M; Shashidhar, M. S.
   Poster presented at the Fourth National Symposium in Chemistry, Feb.1-3, 2002 (organized by Chemical Research Society of India); National Chemical Laboratory; Pune- 411 008; Maharashtra, India.

3. Role of weak interactions in controlling the rate of intermolecular acyl transfer in the solid state: X-ray structure and reactivity correlation in 2,4-di-O-benzoyl-myo-inositol 1,3,5-orthoesters.
   Sarmah, M. P.; Gonnade, R. G.; Shashidhar, M. S.; Bhadbhade, M. M
   Poster presented at the XXXII National Seminar on Crystallography, Oct. 24-26, 2002 (organized by Indian Crystallographic Association); Regional Research Laboratory, Jammu, Jammu & Kashmir, India.

   Sarmah, M. P.; Shashidhar, M. S.
   Poster presented at the XVII National Carbohydrate Conference, Nov. 21-22, 2002 (organized by Association of Carbohydrate Chemists and Technologists of India); Central Food Technology Research Institute; Mysore, Karnataka, India.

Bhosekar, G.; Gonnade, R. G.; Sarmah, M. P.; Murali, C.; Shashidhar, M. S.; Bhadbhade, M. M.
Poster presented at the XXXIII National Seminar on Crystallography, Jan. 8-10, 2004 (organized by Indian Crystallographic Association); National Chemical Laboratory; Pune- 411 008; Maharashtra, India.

6. Sulfonate protecting groups: efficient synthesis of (+) & (-)-Laminitol and (+) & (-) Ononitol from myo-Inositol.

Sarmah, M. P.; Sureshan, K. M.; Shashidhar, M. S.
Poster presented at the 6th National Symposium in Chemistry, Feb.6-8, 2004 (organized by Chemical Research Society of India); Department of Chemistry; Indian Institute of Technology; Kanpur; Uttar Pradesh, India.