List of publications

1. Tetrahydropyranylation of alcohols over modified zeolites.
   N. Narender*, K. Suresh Kumar Reddy, M. Arun Kumar, C.N. Rohitha and S.J. Kulkarni

2. Bromination of aromatic compounds using NH₄Br and oxone
   M. Arun Kumar, C. N. Rohitha, S. J. Kulkarni and N. Narender*

3. Oxidative iodination of carbonyl compounds using ammonium iodide and oxone
   M. Mahender Reddy, M. Arun Kumar, P. Swamy, N. Narender*

4. Oxidative bromination of ketones using ammonium bromide and oxone
   M. Arun Kumar, C. N. Rohitha, M. Mahender Reddy, P. Swamy and N. Narender*

5. Regio- and stereoselective hydroxybromination and dibromination of olefins using ammonium bromide and oxone
   M. Arun Kumar, C. N. Rohitha and N. Narender*

6. Mild and efficient α-chlorination of carbonyl compounds using ammonium chloride and oxone (2KHSO₅,KHSO₄,K₂SO₄)
   P. Swamy, M. Arun Kumar, M. Mahender Reddy and N. Narender*
7. Iodine-catalyzed tandem synthesis of terminal acetals and glycol mono esters from olefins


*Chemical Communications, 2013, 49 (17), 1711-1713.*

8. Fast and efficient bromination of aromatic compounds using ammonium bromide and oxone

M. Naresh, **M. Arun Kumar**, M. Mahender Reddy, P. Swamy, J. B. Nanubolu and N. Narender*

*Synthesis, 2013, 45, 1497-1504.*

9. Alkoxybromination of olefins using ammonium bromide and oxone

**M. Arun Kumar**, M. Naresh, C. N. Rohitha and N. Narender*

*Synthetic Communications, 2013, 43, 3121-3129.*

10. N-Alkylation of amines with alcohols over nanosized zeolite Beta

M. Mahender Reddy, **M. Arun Kumar**, P. Swamy, M. Naresh, K. Srujana, L. Satyanarayana, A. Venugopal and N. Narender*

*Green Chemistry, 2013, Accepted Manuscript, DOI: 10.1039/C3GC41345D*

11. Vicinal dichlorination of olefins using NH$_4$Cl and oxone

P. Swamy, M. Mahender Reddy, **M. Arun Kumar**, M. Naresh and N. Narender*

*Synthesis, 2013, Accepted Manuscript*

12. Unique vapor phase synthesis of annelated pyridine over zeolites

**M. Arun Kumar** and N. Narender*

(Manuscript in preparation)
13. Selective synthesis of secondary amines by reductive amination of ketones in superheated water

**M. Arun Kumar, K. Srujana and N. Narender***

(Manuscript in preparation)
Papers presented in symposia

1. Tetrahydropyranylation of alcohols over modified zeolites.
   
   N. Narender, K. Suresh Kumar Reddy, M. Arun Kumar, M. Mahender Reddy, C.N. Rohitha and S.J. Kulkarni
   

2. Oxidative bromination of ketones using ammonium bromide and oxone (Oral presentation)
   
   M. Arun Kumar, C. N. Rohitha, M. Mahender Reddy, P. Swamy and N. Narender
   

3. Tetrahydropyranylation of alcohols over modified zeolites.
   
   N. Narender, K. Suresh Kumar Reddy, M. Arun Kumar, M. Mahender Reddy, C.N. Rohitha and S.J. Kulkarni
   

4. Regio- and stereoselective clobromination and dibromination of olefins using ammonium bromide and oxone
   
   M. Arun Kumar, C. N. Rohitha and N. Narender
   