

Conference/ Seminar/ Symposium -2012

1. M. M. Guru and T. Punniyamurthy,

'Copper-Catalyzed Aerobic Oxidative *C-H* Functionalization of Bisarylhrazones for Synthesis of Triaryl-1,2-3- and 1,2,4-Triazoles with Isolated Intermediates', *8<sup>th</sup> J-NOST Conference*, IIT Guwahati, 15-17 December 2012

2. M. Sengoden and T. Punniyamurthy,

Role of Temperature in [3+2]-Cycloaddition of Isoselenocyanates with Oxiranes using  $\text{BF}_3 \cdot \text{Et}_2\text{O}$ ', *8<sup>th</sup> J-NOST Conference*, IIT Guwahati, 15-17 December 2012

3. R. Paul and T. Punniyamurthy,

'Copper-Catalyzed One-Pot Synthesis of *N*-Substituted Benzo[d]isothiazol-3(2*H*)-ones via *C-S/N-S* Bond Formation', *FICS 2012*, IIT Guwahati, 2-3 December 2012

4. M. Sengoden and T. Punniyamurthy

'"On Water": Efficient Iron-Catalyzed Cycloaddition of Aziridines with Heterocumulenes', *FICS 2012*, IIT Guwahati, December 2-3, 2012

5. S. Achalkumar, K. Yamada, Y. Ishida, and K. Saigo,

'Liquid Crystalline Molecular Imprinted Polymers as Chiral Sieves', *19<sup>th</sup> National Conference on Liquid Crystals*, organized by ILCS, Thapar University, Patiala, Punjab, November 21-23, 2012

6. K. Islam, D. K. Das, A. T Khan

An efficient bromodimethylsulfonium bromide (BDMS)-catalyzed C-S bond Activation with thiol unit as leaving group, *8<sup>th</sup> J-NOST Conference*, IIT Guwahati, 15-17 December 2012

7. K. Indukuri, S. Bondalapati, T. Kotipalli, P. Gogoi and A. K. Saikia

'Stereoselective, One-pot, Three-component Synthesis of 4-Aryltetrahydropyrans from Epoxides via Prins Cyclization Reaction'

*6<sup>th</sup> CRSI -RSC Symposium in Chemistry*, Trivandrum, February 2-5, 2012

8. P. Gogoi, T. Kotipalli, K. Indukuri, S. Bondalapati and A. K. Saikia

'A novel 1,3-Diol with a Benzyl backbone as a chiral ligand for the Asymmetric Oxidation of Prochiral Sulfides'

*18<sup>th</sup> International Conference (Post: ISCBC-2012) Perspective and Challenges in Chemical and Biological Sciences*, IASST Guwahati, January 28-30, 2012

9. S. Sakthivel and T. Punniyamurthy

‘Chiral polymer Bonded Alternatively (*R,R*)-Salen and 1,4-Dioctyloxybenzene: Synthesis and Application as OFF-ON Fluorescent Chemosensor for Zn<sup>2+</sup> and Chiral Recognition’,

*Conference on Photochemistry and Luminescence*, Indian Institute of Technology Guwahati, Guwahati, March 9-10, 2012

10. M. M. Guru, M. A. Ali and T. Punniyamurthy

‘Copper-Mediated Synthesis of Substituted 2-Aryl-*N*-benzylbenzimidazoles and 2-Arylbenzoxazoles via C-H Functionalization/C-N/C-O Bond Formation’,

*International Symposium on Advances in Chemical Sciences*, Indian Institute of Technology Guwahati, Guwahati, January 30, 2012

11. M. M. Guru, M. A. Ali and T. Punniyamurthy

‘Copper-Mediated Synthesis of Substituted 2-Aryl-*N*-benzylbenzimidazoles and 2-Arylbenzoxazoles via C-H Functionalization/C-N/C-O Bond Formation’,

*7<sup>th</sup> Junior National Organic Symposium Trust*, Indian Institute for Science and Educational Research Mohali, Mohali, December 15-18, 2011

12. S. Sakthivel and T. Punniyamurthy

‘Fluorescent OFF-ON Polymer Chemosensor Bonded Alternatively 1,4-Dioctyloxybenzene and (*R,R*)-Salen for Cascade Zn<sup>2+</sup> and Chiral Recognition’,

*7<sup>th</sup> Junior National Organic Symposium Trust*, Indian Institute for Science and Educational Research Mohali, Mohali, December 15-18, 2011

13. Z. Khan and Md. Qureshi

‘Synthesis of Novel 3D SrS/CdS Photocatalyst with Excellent Performance for Dye Photodegradation’,

*Conference on Photochemistry and Luminescence*, Indian Institute of Technology Guwahati, Guwahati, March 9-10, 2012

14. Z. Khan and Md. Qureshi

‘Synthesis of Novel Hyperbranched 3D SrS/CdS Microstructures: Application towards Efficient Hydrogen Generation and Dye Degradation’,

*International Symposium on Advances in Chemical Sciences*, Indian Institute of Technology, Guwahati, India, January 30, 2012

15. Z. Khan and Md. Qureshi

'Synthesis of novel pompom-like 3D CdS/metal oxide (ZnO, Al<sub>2</sub>O<sub>3</sub>) hierarchical microstructures and their application towards efficient hydrogen generation',

*International Conference on Nanoscience and Technology (ICONSAT)*, Hyderabad, January 20-23, 2012

16. L. N. Burgula, K. Radhakrishnan and L. M. Kundu

'Towards New Genetic Alphabets: Microwave-Assisted Synthesis of Pyrimidine Nucleobases with Altered Base Pairing Properties',

*International symposium on advances in chemical sciences*, Indian Institute of Technology Guwahati, India, January 30, 2012

17. Saha, K. C. Nadimpally, K. Thalluri and B. Mandal

'One pot protocol for amide synthesis of unprotected amino acids',

*National Symposium on Recent Trends in Chemical Science and Technology (RTCST 2012)*, IIT Patna, March 3-4, 2012

18. K. Thalluri, K. C. Nadimpally, A. Saha and B. Mandal

'Reagent economized and waste minimized approach of amide syntheses by one pot',

*National Symposium on Recent Trends in Chemical Science and Technology (RTCST 2012)*, IIT Patna, March 3-4, 2012

19. K. C. Nadimpally, K. Thalluri, A. Paul, N. B. Palakurthy and B. Mandal

'Catalyst and solvent free amidation of inactive esters of *N*-protected amino acids: A green chemistry perspective',

*CRSI-2012 (national symposium)*, IISER Trivandrum & NIIST Trivandrum, February 3-5, 2012

20. Saha, K. C. Nadimpally and B. Mandal

'A rapid repetitive and cost effective chemoselective ligation protocol for peptide Synthesis',

*International symposium on advances in chemical sciences*, Indian Institute of Technology Guwahati, India, January 30, 2012

21. S. K. Rout, S. Guin, T. Ghosh, A. Banerjee and B. K. Patel

'Cu(II) Catalyzed Imine C-H Functionalization Leading to Synthesis of 2,5-Substituted 1,3,4-Oxadiazoles',

*International Symposium on Advances in Chemical Sciences*, Indian Institute of Technology, Guwahati, India, January 30, 2012