LECTURES AND POSTERS BY CO-WORKERS

2015

[80] Synthesis of Fused Pyrans and Thiopyranoindoles from Morita-Baylis-Hillman Acetate of Dicyclopentadienone, Poster at 17th CRSI National Symposium in Chemistry (17th CRSI-NSC), February 06-08, 2015, CSIR-National Chemical Laboratory, Pune, India, A. Suresh and **I. N. N. Namboothiri**.

[79] Bishomocubanes with High-nitrogen Substituents: Synthesis, Characterization, and Applications as Energetic Materials, Poster at 17th CRSI Symposium, February 6-8, 2015, CSIR-National Chemical Laboratory, Pune, India, S. Lal, L. Mallick, N. Kumbhakarna, S. Rajkumar, O. P. Oommen, A. Chowdhury, and **I. N. N. Namboothiri**.

[78] Organocatalyzed Conjugate Addition of α-Nitrocarboxylates to Enones for the Enantioselective Synthesis of Quaternary α-Amino Acid Precursors, Poster at National Symposium on 'Emerging Trends In Chirality , Medicinal Chemistry and Perfumery' (ETCMP-2015), February 4, 2015, KET'S, V.G. Vaze College, Mumbai, Maharashtra, N. S. Satam, K. Bera and **I. N. N. Namboothiri**.

[77] Synthesis of functionalized tetrahydrothiopyranoindoles from Morita-Baylis-Hillman acetates of nitroalkenes, Poster at National Symposium on 'Emerging Trends In Chirality, Medicinal Chemistry and Perfumery' (ETCMP-2015), February 4, 2015, KET'S, V.G. Vaze College, Mumbai, Maharashtra, P. Basu, C. Hazra and **I. N. N. Namboothiri**.

2014

[76] Applications of Rauhut-Currier Adducts of Nitroalkenes and Methyl Vinyl Ketone for the Synthesis of Highly Substituted Furans, Poster at Junior National Organic Symposium Trust (J-NOST-2014), December 4-6, 2014, Indian Institute of Technology Madras, Chennai, V. D. Mane and **I. N. N. Namboothiri**.

[75] Applications of Morita-Baylis-Hillman Acetates of Nitroalkenes for the Synthesis of Highly Substituted Heterocycles, Lecture at Junior National Organic Symposium Trust (J-NOST-2014), December 4-6, 2014, Indian Institute of Technology Madras, Chennai, T. Kumar and **I. N. N. Namboothiri**.

[74] New Reactions and Methodologies for Synthetic, Mechanistic, Biological and Materials Chemistry Applications, Poster at Golden Jubilee In-house Symposium,

October 16-17, 2014, Department of Chemistry, Indian Institute of Technology Bombay, E. Gopi and **I. N. N. Namboothiri**.

[73] Synthesis of Functionalized and Fused Heterocycles via Cascade Reactions of Morita-Baylis-Hillman Acetates of Nitroalkenes, Lecture at Transcending Frontiers in Organic Chemistry (TFOC-2014), October 9-11, 2014, NIIST, Trivandrum, India, D.K. Nair and **I. N. N. Namboothiri.**

[72] Enantioselective Synthesis of Quaternary α-Amino Acids Precursors via Organocatalysed Conjugate Addition of α-Nitrocarboxylates to Enones, Poster at Transcending Frontiers in Organic Chemistry (TFOC-2014), October 9-11, 2014, NIIST, Trivandrum, India, N. Satam, K. Bera and **I. N. N. Namboothiri.**

[71] Synthesis of Highly Substituted Arenofurans and Imidazoles from Morita-Baylis-Hillman Acetates of Nitroalkenes, Poster at Transcending Frontiers in Organic Chemistry (TFOC-2014), October 9-11, 2014, NIIST, Trivandrum, India, T. Kumar and **I. N. N. Namboothiri.**

[70] Regio- and Diastereoselective Synthesis of Highly Substituted Dihydrofurans from Morita-Baylis-Hillman Adducts of Nitroalkenes and Azodicarboxylates, Poster at International Symposium on Recent Advances in Medicinal Chemistry (ISRAM-2014), National Institute of Pharmaceutical Education and Research (NIPER), September 08-10, 2014, Mohali, India, V. Mane, N. Ayyagari and **I. N. N. Namboothiri**.

[69] Synthesis of Biologically Active Quinoxalines via Carbon Nanotube-Gold Nanohybrid Catalyzed Cascade Reaction of Vicinal Diols and Ketoalcohols with o-Phenylenediamines, Poster at International Symposium on Recent Advances in Medicinal Chemistry (ISRAM-2014), National Institute of Pharmaceutical Education and Research (NIPER), September 08-10, 2014, Mohali, India, N. Shah, E. Gravel, D. V. Jawale, E. Doris and **I. N. N. Namboothiri**.

[68] Regio- and Diastereoselective Synthesis of Fused Aza-heterocycles *via* Cascade Reactions of MBH Bromides of Nitroalkenes with Amino Aza-heterocycles, Poster at International Symposium on Recent Advances in Medicinal Chemistry (ISRAM-2014), National Institute of Pharmaceutical Education and Research (NIPER), September 08-10, 2014, Mohali, India, L. Satham and **I. N. N. Namboothiri** (Best Poster Award to LS).

[67] Synthesis of Multi-functional Imidazoles via Reaction of Morita-Baylis-Hillman Acetates of Nitroalkenes with Amidines, Poster at 15th Tetrahedron Symposium on

Challenges in Bioorganic and Organic Medicinal Chemistry, June 24-27, 2014, London, UK, T. Kumar, D. Verma and **I. N. N. Namboothiri**.

[66] Applications of Morita-Baylis-Hillman Acetates of Nitroalkenes for the Synthesis of Pyranonaphthaquinones and Benzodiazepanes, Lecture at National Conference on Advances in Synthetic and Material Chemistry (NCASMC-2014), March 10-11, 2014, University of Mumbai, India, D. K. Nair and **I. N. N. Namboothiri** (Best Oral Presentation Award to DKN).

[65] Exploring the 1,3-Dipolar Cycloaddition of α-Diazo-β-ketosulfones with Electron Deficient Alkenes Towards Synthesis of Substituted Pyrazoles, Poster at National Conference on Advances in Synthetic and Material Chemistry (NCASMC-2014), March 10-11, 2014, University of Mumbai, India, D. Nair, Prashant Pavashe, Rahul Kumar and **I. N. N. Namboothiri**.

[64] Applications of Morita-Baylis-Hillman Acetates of Nitroalkenes for the Synthesis of Highly Substituted Arenofurans and Imidazoles, Lecture at 26th Research Scholars Meet of the Indian Chemical Society, February 21-22, 2014, CKT Arts, Commerce and Science college, New Panvel, Mumbai, India, T. Kumar and **I. N. N. Namboothiri**.

[63] 1,3-Dipolar Cycloaddition Reactions of Diazosulfones with Electron Deficient Alkenes, Poster at 16th CRSI National Symposium in Chemistry (NSC-16), February 7-9, 2014, Indian Institute of Technology Bombay, Mumbai, India, D. Nair, P. Pavashe, R. Kumar and **I. N. N. Namboothiri**.

[62] New Methodologies for the Synthesis of Novel Multi-functional Molecules with Interesting Properties, Poster at 16th CRSI National Symposium in Chemistry (NSC-16), February 7-9, 2014, Indian Institute of Technology Bombay, Mumbai, India, E. Gopi and **I. N. N. Namboothiri**.

[61] Nitro-substituted Bishomocubanes: Synthesis, Characterization and Application as Energetic Materials, Poster at 16th CRSI National Symposium in Chemistry (NSC-16), February 7-9, 2014, Indian Institute of Technology Bombay, Mumbai, India, S. Lal, S. Rajkumar, A. Chowdhury and **I. N. N. Namboothiri**.

[60] *N*-Formylation of Amines by Carbon Nanotube-Gold Nanohybrids, Poster at 16th CRSI National Symposium in Chemistry (NSC-16), February 7-9, 2014, Indian Institute of Technology Bombay, Mumbai, India, N. Shah, E. Gravel, A. Hagège, H. Li, D. V. Jawale, E. Doris and **I. N. N. Namboothiri**.

[59] New Methodologies for the Synthesis of Novel Multi-functional Molecules with Interesting Properties, Poster at Advances in Glycochemistry, January 20, 2014, Department of Chemistry, Indian Institute of Technology Bombay, E. Gopi and **I. N. N. Namboothiri**.

2013

[58] Construction of highly Substituted Benzenes via Cascade [3+3] Cycloaddition, Lecture at the 9th J-NOST Conference for Research Scholars, December 04-06, 2013, IISER Bhopal, India, E. Gopi, and **I. N. N. Namboothiri**.

[57] Enantioselective Addition of 1,3-Dicarbonyl Compounds to Morita-Baylis-Hillman Acetates of Nitroalkenes for the Synthesis of Fused and Functionalised Pyrans, Poster at 14th Tetrahedron Symposium, June 25-28, 2013, Vienna, Austria, D. K. Nair and **I. N. N. Namboothiri**.

[56] Enantioselective Synthesis of Quaternary α-Aminophosphonates and α-Amino-γ-Sulfonylphosphonates via Quinine-Squaramide Catalyzed Michael Addition of Nitrophosphonates to Activated Olefins: Studies on π–Stacking and Hydrogen Bonding Interactions, 25th Research Scholars Meet of the Indian Chemical Society, February 15-16, 2013, VES College of Arts, Science and Commerce, Chembur, Mumbai, India, K. Bera and **I. N. N. Namboothiri**.

[55] Diastereoselective *Gem*-Dibromocyclopropanation of Cyclic Enones and a Novel Entry into Bromofurans *via* Cloke-Wilson Rearrangement, 25th Research Scholars Meet of the Indian Chemical Society, February 15-16, 2013, VES College of Arts, Science and Commerce, Chembur, Mumbai, India, E. Gopi and **I. N. N. Namboothiri**.

2012

[54] Synthesis of Highly Substituted Furans and Pyrans from Morita-Baylis-Hillman Acetates of Nitroalkenes, Poster at IITB-ACS-Symposium, October 02, 2012, Department of Chemistry, IIT Bombay, Mumbai, India, D. K. Nair and **I. N. N. Namboothiri**.

[53] Regioselective Synthesis of Sulfonylpyrazoles from Nitroalkenes and Diazosulfone and Total Synthesis of Natural and Unnatural Analogs of Withasomnine, 24th Research Scholars Meet of the Indian Chemical Society, February 17-18, 2012, SIES College, Sion, Mumbai, India, R. Kumar and **I. N. N. Namboothiri.**

2011

[52] Enantioselective Michael Addition of Nitrophosphonates to Electron Deficient Olefins for Synthesis of Quaternary α-Nitrophosphonates, Lecture at the 7th J-NOST Conference for Research Scholars, Indian Institute of Science Education and Research, Mohali, India, December 15-18, 2011, K. Bera and **I. N. N. Namboothiri**.

[51] Synthesis of Bishomocubane Derived Chiral Catalysts for Asymmetric Reactions, Poster at the 3rd International Conference on Heterocyclic Chemistry, Dec 10-13, 2011, University of Rajasthan, Jaipur, India, Tarun kumar and **I. N. N. Namboothiri**.

[50] One-pot Synthesis of Furans and Pyrans from Morita-Baylis-Hillman Acetates of Nitroalkenes, Lecture at the International Conference on Synthetic and Structural Chemistry, December 8-10, 2011, Mangalore University, Mangalore, D. K. Nair, S. M. Mobin and **I. N. N. Namboothiri**.

[49] Diastereoselective Gem-Dibromocyclopropanation of α-Substituted Cyclic Chalcones and Direct Tribromomethylation of N-Tosyl imines, Poster at the National Symposium on New Horizons in Chemistry, October 3-4, 2011, Indian Institute of Technology, Bombay, India, G. Elumalai and **I. N. N. Namboothiri**.

[48] Synthesis of Highly Substituted Furans and Pyrans from Morita-Baylis-Hillman Acetates of Nitroalkenes, Poster at the 3rd Indo-German Symposium on Frontiers of Chemistry, September 27-28, 2011, Indian Institute of Technology, Bombay, India, D. K. Nair, S. M. Mobin and **I. N. N. Namboothiri**.

[47] A highly regioselective synthesis of pyrazole esters via base mediated 1,3-dipolar cycloaddition of diazoesters with enones, Poster at the 3rd Indo-GermanSymposium on Frontiers of Chemistry, September 27-28, 2011, Indian Institute of Technology, Bombay, India, P. Pawashe, P. Bhuvaneswari and **I. N. N. Namboothiri**.

[46] Stereoselective Construction of Cyclohexanones and Dihydrofurans via Cascade Reaction of Curcumins with Activated Alkenes, Poster at the 12th Tetrahedron Symposium, June 21-24, 2011, Sitges, Spain, N. Ayyagari and **I. N. N. Namboothiri**.

[45] Stereoselective Synthesis of Carbocycles and Heterocycles from Morita-Baylis-Hillman and Rauhut-Currier Adducts of Conjugated Nitroalkenes, Poster at the 12th Annual Florida Heterocyclic and Synthetic Conference, March 6-March 9, 2011, University of Florida, Gainesville, Florida, USA, P. Shanbhag and **I. N. N. Namboothiri**.

[44] Synthesis of Novel Curcuminoids via Reaction of Curcumins with Activated Alkenes and Diazo Compounds, Lecture at the Research Scholars Meeting, 23rd Research Scholars' Meet (Indian Chemical Society), February 25-26, 2011, N. G. Acharya and D. K. Marathe College, Chembur, Mumbai, N. Ayyagari and **I. N. N. Namboothiri**.

[43] Highly Regioselective Synthesis of Sulfonylpyrazoles *via* 1,3-Dipolar Cycloaddition Reaction: An Approach Towards the Total Synthesis of Withasomine, Poster at the 13th CRSI National Symposium in Chemistry, National Institute of Science Education and Research (NISER) and Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, February 04-06, 2011, R. Kumar, **I. N. N. Namboothiri**.

[42] Enantioselective Michael addition of nitrophosphonates to enones for the synthesis of quaternary α-nitrophosphonates, Poster at the 13th CRSI National Symposium in Chemistry, National Institute of Science Education and Research (NISER) and Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, February 04-06, 2011, K. Bera, **I. N. N. Namboothiri**.

[41] Stereoselective Synthesis of Carbocycles and Heterocycles by Tandem Reaction of Curcumins with Nitroalkenes, Lecture at the 6th J-NOST Conference, University of Hyderabad, Hyderabad, January 28-31, 2011, N. Ayyagari and **I. N. N. Namboothiri**.

2010

[40] Synthesis of Carbocycles and Heterocycles via Tandem Reaction of Curcumins with Nitroalkenes, Lecture at the RSC West India Section, PhD Students Symposium, September 03-04, 2010, Goa University, Goa, India, N. Ayyagari, **I. N. N. Namboothiri**.

2009

[39] Catalyst Dependent Reactivity of Conjugated Nitroalkenes, Lecture at the 5th J-NOST Conference for Research Scholars, IIT Kanpur, Kanpur, India, December 4-7 2009, P. Shanbhag and **I. N. N. Namboothiri**.

[38] Development of New Organic Synthetic Methods and Synthesis of 'Unnatural' Products and Novel Materials with Interesting Properties, April 04, 2009, Poster, TechConnect 2009, Indian Institute of Technology, Bombay, India, **I. N. N. Namboothiri**, O. P. Oommen, S. Rajkumar.

2008

[37] Development of Nitro and Azido Polycarbocyclic Cage Systems as High Energy Density Fuels, September 27, 2008, Poster No. 9, In-house Symposium 2008, Department of Chemistry, Indian Institute of Technology, Bombay, India.

[36] Rauhut-Currier Reaction of Conjugated Nitroalkenes, Paper No. P226, Poster at the 10th CRSI National Symposium in Chemistry (NSC-10), February 1-3, 2008, Indian Institute of Science, Bangalore, India, P. Shanbhag, **I. N. N. Namboothiri**.

2007

[35] Novel Polycarbocyclic Cage compounds as Catalysts for Asymmetric Reactions, Lecture at the 3rd J-NOST Symposium for Research Scholars, November 15-18, 2007, Guru Nanak Dev University, Amritsar, Punjab, India, O. P. Ooomen and **I. N. N. Namboothiri**.

[34] Synthetic Applications of Bestmann-Ohira Reagent and Morita-Baylis-Hillman Adducts of Conjugated Nitroalkenes in Organic Synthesis, Lecture at the RSC-WIS Students Symposium, October 19-20, 2007, Goa University, Goa, India, R. Muruganantham and **I. N. N. Namboothiri**.

[33] Nitroalkenes: Privileged Michael Acceptors, Lecture at the RSC-WIS Students Symposium, October 19-20, 2007, Goa University, Goa, India, V. Rai and **I. N. N. Namboothiri**.

[32] Studies on the Conjugate Addition to Nitroalkenes, Lecture at the 12th NOST Symposium, July 7-10, 2007, Majorda Beach Resort, Goa, India, V. Rai and **I. N. N. Namboothiri**.

[31] Hydroxyalkylation of Conjugated Nitroalkenes via Morita-Baylis-Hillman Reaction, Paper No. P1.87, Poster at the 8th Tetrahedron Symposium, June 26-29, 2007, Berlin, Germany, I. Deb and **I. N. N. Namboothiri**.

[30] 1,3-Dipolar Cycloaddition of Diazomethylphosphonate Anion with Nitroalkenes: A New Approach to Phosphonylpyrazoles, at the International Conference on Materials for the Millennium (Mat Con 2007), March 1-3, 2007, Cochin University of Science and Technology, Kochi, Kerala, India, R. Muruganantham, S. M. Mobin and **I. N. N. Namboothiri**.

[29] Diastereo- and Enantioselective Michael Addition of Phosphonate Stabilized Carbanions to Nitroalkenes, Paper No. 152, Poster at the 9th CRSI National Symposium in Chemistry (NSC-9), February 1-4, 2007, Department of Chemistry, Delhi University, Delhi, V. Rai and **I. N. N. Namboothiri**.

[28] α-Bromonitroethylene as a Tunable Entity for the Suzuki-Miyaura and Sonogashira-Hagihara Cross-Couplings, Paper No. OP 15, Lecture at the International Conference on Emerging Trends in Chemical Sciences, January 23-25, 2007, Department of Chemistry, University of Mumbai, Mumbai, India, M. Ganesh and **I. N. N. Namboothiri**.

2006

[27] The Morita-Baylis-Hillman Reaction of Aliphatic Nitroalkenes with Carbonyl Compounds, Paper No. P-8, Poster at the International Symposium on Current Perspectives in Organic Chemistry, December 7-9, 2006, Department of Organic Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata, India, I. Deb and **I. N. N. Namboothiri**.

[26] Lewis Acid Mediated Reaction of Activated Alkenes With Cyclic Iminium Salts, Paper No. P-17, Poster at the Indo-US Conference on New Bioactive Molecules in Pharmaceutical Research-Contribution of Natural Products, November 13-14, 2006, Hyderabad, India, O. P. Oommen and **I. N. N. Namboothiri**.

[25] Titanium (IV) Promoted Morita-Baylis-Hillman Reaction of Cyclic Iminium Salts with Activated Alkenes, Paper No. PP-24, Lecture at the RSC Students Symposium, West India Section, October 13-14, 2006, Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India, O. P. Oommen and **I. N. N. Namboothiri**.

[24] Theoretical and Experimental Studies on the Conjugate Addition to Nitroalkenes, at the Second NOST Symposium for Research Scholars, October 11-14, 2006, International College for Girls, Jaipur, Rajastan, India, V. Rai and **I. N. N. Namboothiri**.

[23] Stereoselective Michael addition of Phosphonate Stabilized Carbanions to Nitroalkenes Catalyzed by Cinchonine-Li Complex, Paper No. ORGN 37, Accepted for Lecture at the 231st ACS Meeting, March 26-30, 2006, Atlanta, Georgia, USA, V. Rai and **I. N. N. Namboothiri**.

[22] Activated Carbonyl Compounds as Electrophiles in the Morita-Baylis-Hillman Reaction of Conjugated Nitroalkenes, Paper No. 186, Poster at the CRSI Fourth National Symposium in Chemistry, February 3-5, 2006, Indian Institute of Technology, Bombay, Mumbai, India, I. Deb and **I. N. N. Namboothiri**.

[21] Regioselective Synthesis of Phosphonylpyrazoles via 1,3-Dipolar Cycloaddition of Azaphosphonates to Nitroalkenes, Paper No. 106, Poster at the CRSI Fourth National Symposium in Chemistry, February 3-5, 2006, Indian Institute of Technology, Bombay, Mumbai, India, R. Muruganantham and **I. N. N. Namboothiri**.

[20] Addition of Tribromomethylcarbanion to Conjugated Nitroalkenes, Paper No. 197, Poster at the International Symposium on Advances in Organic Chemistry, January 9-12, 2006, Mahatma Gandhi University, Kottayam, Kerala, India, B. Sahu and **I. N. N. Namboothiri**.

[19] Nucleophilic Enantioselective Epoxidation of α, β-Disubstituted Nitroethylenes Promoted by Chiral Bifunctional Organocatalysts, Paper No. 38, Poster at the ACS-CSIR Joint International Conference on Building Bridges, Forging Bonds for 21st Century Organic Chemistry and Chemical Biology, January 6-9, 2006, at the National Chemical Laboratory, Pune, India, M. Ganesh and **I. N. N. Namboothiri**.

[18] Synthesis of Benzannulated Oxacycles via Michael Initiated Ring Closing Metathesis Involving Nitroalkenes, Paper No. 29, Poster at the ACS-CSIR Joint International Conference on Building Bridges, Forging Bonds for 21st Century Organic Chemistry and Chemical Biology, January 6-9, 2006, National Chemical Laboratory, Pune, India, I. Deb and **I. N. N. Namboothiri**.

2005

[17] Correlation of the Reactivity of Conjugated Nitroalkenes, with Electron Density Distribution, Condensed Fukui Function and Local Softness by Natural Bond Orbital Analysis: Electrophilicity Index for Michael Addition, Lecture at the Students Symposium organized by the Royal Society of Chemistry, Western India Section, November 25-26, 2005, at the National Chemical Laboratory, Pune, India, V. Rai and **I. N. N. Namboothiri**.

[16] The Morita-Baylis-Hillman Reaction of Conjugated Nitroalkenes with Activated Imines and Activated Alkenes as Electrophiles, Paper No. 15, at the International Conference on Organic Synthesis and Process Chemistry, April 1-3, 2005, Indian

Institute of Chemical Technology, Hyderabad, India, N. Rastogi, M. Dadwal and **I. N. N. Namboothiri**.

[15] Synthesis of Arenediynes via the Vinylidenecarbene-Acetylene Rearrangement, Paper No. 1, Lecture at the 17th Research Scholars Meet, February 11-12, 2005, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai, India, B. Sahu and **I. N. N. Namboothiri**.

2004

[14] A Nitroaldol-Michael-Intramolecular Diels-Alder Reaction Sequence for the Stereoselective Synthesis of Multifunctional Molecular Frameworks, Paper No. 20, Lecture at the 16th Research Scholars Meet, February 14-15, 2004, Birla College of Arts, Science and Commerce, Kalyan, Mumbai, India, M. Ganesh and **I. N. N. Namboothiri**.

2003

[13] The Baylis-Hillman Reaction of Conjugated Nitroalkenes, Lecture at the 10th NOST Symposium, October 29-November 2, 2003, Majorda Beach Resort, Goa, India, N. Rastogi and **I. N. N. Namboothiri**.

[12] Equilibrium between a Novel Chiral Cage-Annulated Alkylidenecarbene and Its Corresponding Cycloalkyne, Paper No. 42, Lecture at the Indian Council of Chemists 22nd Conference, 2003, Indian Institute of Technology, Roorkee, B. Sahu and **I. N. N. Namboothiri**.

[11] The Baylis-Hillman Reaction of Conjugated Nitroalkenes, Lecture at the RSC West India Section Symposium, September 19, 2003, National Chemical Laboratory, Pune, India, N. Rastogi and **I. N. N. Namboothiri**.

[10] Chemo-, Stereo- and Regioselective 1,3-Dipolar Cycloaddition of Nitrile Oxides to Dicyclopentadiene and its Dicarboxylate, Paper No. 27, Lecture at the 15th Research Scholars Meet, February 20-21, 2003, R. D. National College and W. A. Science College, Mumbai, India, N. Rastogi and **I. N. N. Namboothiri.**

2002

[9] Selectivities in the 1,3-Dipolar Cycloaddition of Nitrile Oxides to Systems Possessing Multiple π-Faces, Paper No. 23, Poster at the First In-House Symposium, April 6, 2002, Department of Chemistry, Indian Institute of Technology, Bombay, India, N. Rastogi and **I. N. N. Namboothiri**.

[8] Chemo-, Regio- and Stereoselective 1,3-Dipolar Cycloaddition of Nitrile Oxides to Dicyclopentadiene and its Derivatives, Paper No. 260, Poster at the CRSI Fourth National Symposium in Chemistry, February 1-3, 2002, National Chemical Laboratory, Pune, India, N. Rastogi and **I. N. N. Namboothiri**.

2001

[7] Cage-functionalized Crown Ethers: Potential New Host Systems for Extraction of NaOH from Wastes, NUCL 074, Lecture at the American Chemical Society 222th National Meeting, August 26-30, 2001, Chicago, IL, USA, A. P. Marchand, Z. Huang, Z. Chen, **I. N. N. Namboothiri,** J. S. Brodbelt, M. L.Reyzer.

2000

[6] Synthesis of Novel Cage-Annulated Oxaheterocycles, ORGN 509, Lecture at The American Chemical Society 219th National Meeting, Mar 26-30, 2000, San Francisco, CA, USA, A. P. Marchand, **I. N. N. Namboothiri** and S. K. Vadlakonda.

1999

[5] Synthesis of Two Novel Chiral Polycyclic Cage Ethers, Paper No. 127, Poster at The Joint 55th South West/25th Rocky Mountain Regional Meeting of the American Chemical Society, October 21-23, 1999, El Paso, Texas, USA, A. P. Marchand and **I. N. N. Namboothiri**.

[4] Reactions of Cage-Annulated 2-Methyl-5-(trifluoromethanesulfonyloxy)-furans with Lithium Diisopropylamide: Evidence for Nucleophilic Reactivity of LDA, ORGN 644, Lecture at The American Chemical Society 218th National Meeting, Aug 22-26, 1999, New Orleans, LA, USA, A. P. Marchand and **I. N. N. Namboothiri**.

[3] Experimental and Computational Approaches towards Understanding Pericyclic Reaction Mechanisms, Lecture at The 14th Dubrovnik International Course and Conference on the Interfaces between Mathematics, Chemistry and Computer Sciences, June 21-26, 1999, Dubrovnik, Croatia, A. P. Marchand, **I. N. N. Namboothiri**, B. Ganguly, W. H. Watson and S. G. Bodige.

[2] Generation and Trapping of an Unsymmetrical, Caged Pyramidalized Alkene, ORGN 355, Lecture at The American Chemical Society 217th National Meeting,

Mar 21-25, 1999, Anaheim, CA, USA, A. P. Marchand, **I. N. N. Namboothiri**, B. Ganguly, W.H. Watson and S. G. Bodige.

1994

[1] Cycloaddition of Methyl Acrylate to a Specific 2,3,4,5-Tetrasubstituted Furan. Dynamic Processes in a 7-Oxanorbornene, Poster at The 10th International Conference on Organic Synthesis (IUPAC), 1994, Indian Institute of Science, Bangalore, India, S. P. Rao, A. S. Kumar, **I. N. N. Namboothiri** and S. N. Balasubrahmanyam.