

Dr KESUR RAJADE RAM



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EXPERIENCE

- August, 2017 to till Date** : Working as an Assistant Professor at “Department of Chemistry, Sardar Patel University”, Vallabh Vidyanagar.
- 2013–2017** : Worked as an Assistant Professor in Chemistry at “Bahauddin Science College”, Junagadh, Gujarat.
- 2011-2013** : Worked as an Assistant Professor in Chemistry at “P S Science & H D P Arts College”, Kadi, Mehsana.
- 2012-2013** : Conducted lectures and practicals in HNGU Chemistry Post Graduate centre run by the chemistry department of “P S Science & H D P Arts College”, Kadi, Mehsana.

EDUCATION

- 2005-2010** : **Ph.D. in Chemistry** under the Supervision of **Dr. M. S. R. Murty**, Deputy Director, Indian Institute of Chemical Technology (IICT), Hyderabad, India. Thesis title “DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION OF NEW AZOLE HETEROCYCLES”.
- 2002-2004** : **M.Sc. (Organic Chemistry); I Class**
Sardar Patel University, Vallabh Vidyanagar, Gujarat, India

1999-2002 : **B.Sc. (Chemistry); I Class**
Sardar Patel University, Vallabh Vidyanagar, Gujarat, India

AWARDS AND FELLOWSHIPS

- 2004** : Qualified “Joint CSIR-UGC Junior Research Fellowship (JRF) and eligibility for lectureship- National eligibility test (NET)” in Chemical Sciences conducted by CSIR and UGC, New Delhi, India.
- 2004 & 2005** : Qualified “Graduate Aptitude Test in Engineering (GATE)”, conducted by Human Resource Development (HRD), India.
- 2004** : Stood first in “Minaxi Lalit Science Awards” at postgraduate level in the chemistry conducted by Gujarat Science Academy, Ahmedabad, India.
- 2004** : Junior Research Fellow-Project at Central Salt and Marine Chemical Research Institute (CSMCRI), Bhavnagar, Gujarat, India.
- 2005–2007** : “Junior Research Fellowship” based on National Aptitude Screening by CSIR, New Delhi, India.
- 2007–2010** : “Senior Research Fellowship” based on National Aptitude Screening by CSIR, New Delhi, India.
- 2014** : Received “IASc-INSA-NASI Summer Research Fellowship 2014” and worked as ‘Summer Research Fellow’ with Professor Yashwant D. Vankar at Indian Institute of Technology, Kanpur.

LIST OF PUBLICATIONS

1. BiCl₃ promoted aza-Prins type cyclization: a rapid and efficient synthesis of 2, 4-disubstituted piperidines
M. S. R. Murty, **Kesur R. Ram** and J. S. Yadav
Tetrahedron Letters 49 (2008) 1141–1145.
2. An efficient and novel synthesis of cyclic amine substituted benzoxazole derivatives in the presence of Zinc dust under solvent free conditions

- M. S. R. Murty, **Kesur R. Ram**, R. Venkateswara Rao and J. S. Yadav
Synthetic Communications 40 (2010), 2844-2849.
- Zinc mediated facile and efficient chemo-selective S-alkylation of 5-aryl-1,3,4-oxadiazole-2-thiols in the absence of base
M. S. R. Murty, R. Venkateswara Rao, **Kesur R. Ram**, N. Rami Reddy, J. S. Yadav and B. Sridhar
Synthetic Communications 40 (2010), 2914-2921.
 - Synthesis and preliminary evaluation of 2-substituted-1,3-benzoxazole and 3-[(3-substituted)propyl]-1,3-benzoxazol-2(3H)-one derivatives as potent anticancer agents
M.S.R. Murty, **Kesur R. Ram**, Rayudu Venkateswara Rao, J. S. Yadav, Janapala Venkateswara Rao, V. T. Cheriyan and Ruby John Anto
Medicinal Chemistry Research, 20 (2011), 576-586.
 - CsF-Celite catalyzed facile N-alkylation of 2(3H)-benzoxazolones and antimicrobial properties of 2-substituted benzoxazole and 3-substituted-2(3H)-benzoxazolone derivatives
M. S. R. Murty, **Kesur R. Ram**, Rayudu Venkateswara Rao, J. S. Yadav, U. S. N. Murty and K. Pranay Kumar
Medicinal Chemistry Research, 20 (2011), 626-636.
 - Synthesis and preliminary evaluation activity studies of novel 4-(aryl/heteroaryl-2-ylmethyl)-6-phenyl-2-[3-(4-substituted-piperazine-1-yl)propyl]pyridazin-3(2H)-one derivatives as anticancer agents
M. S. R. Murty, B. Ramalingeswara Rao, **Kesur R. Ram**, J. S. Yadav, Jayesh Antony and Ruby John Anto
Medicinal Chemistry Research, 21 (2012), 3161-3169.
 - Synthesis of new S-alkylated -3-mercapto-1,2,4-triazole derivatives bearing cyclic amine moiety as potent anticancer agents
M. S. R. Murty, **Kesur R. Ram**, Rayudu Venkateswara Rao, J. S. Yadav, Janapala Venkateswara Rao, Ramjee Pallela and Koigoora Srikanth
Letters in Drug Design & Discovery, 9 (2012), 276-281.
 - Synthesis, characterization, and anticancer studies of S and N alkyl piperazine-substituted positional isomers of 1,2,4-triazole derivatives
M. S. R. Murty, **Kesur R. Ram**, B. Ramalingeswara Rao, Rayudu Venkateswara Rao, Mohana Rao Katiki, Janapala Venkateswara Rao, R. Pamanji, L. R. Velatooru
Medicinal Chemistry Research, 23 (2013) 1661-1671.
 - Synthesis of benzo[c][2,7]naphthyridines by one-pot multicomponent reaction using Ceric (IV) ammonium nitrate
M. S. R. Murty, Mohana Rao Katiki, **Kesur R. Ram**, B. Ramalingeswara Rao

Synthetic communications, 44 (2014) 1664-1670.

BOOKS

- Chapters are written in 5 books for Under Graduate (UG) Chemistry students.

SYMPOSIA ATTENDED/POSTERS PRESENTED

- Indo-US Conference on “New Bioactive Molecules in Pharmaceutical Research - Contribution of Natural Products”, Indian Institute of Chemical Technology (I.I.C.T.), Hyderabad, 13-14 November 2006. **(Poster Presented)**
- National Seminar on “Recent Research Trends in Synthetic Organic and Natural Products Chemistry (RRTSONPC)” held at Department of Chemistry, Shri Venkateswara University, Tirupati, 25-26 February 2008. **(Poster Presented)**
- “12th CRSI National Symposium in Chemistry and 4th CRSI-RSC Symposium in Chemistry” held at Indian Institute of Chemical Technology (I.I.C.T.), Hyderabad, 4-7 February 2010. **(Poster Presented)**
- International Conference on “Organic Synthesis and Human Well Being: Emerging Opportunities and Challenges” held at Indian Institute of Chemical Technology (I.I.C.T.), Hyderabad, 1-4 August 2010. **(Poster Presented)**
- UGC Sponsored National Workshop “Chemistry: Contributions to well-being of mankind” held at P. S. Science & H. D. P. Arts College, Kadi, Gujarat, 28 February - 1 March, 2011.
- State Level Workshop on “Chromatographic and Spectroscopic Techniques” held at Sheth M. N. Science College, Patan, 7-8 December, 2011.
- A three days workshop on “Promotion of Culture of Quality through Research” jointly organized by Knowledge Consortium of Gujarat (KCG) and higher education district- Mehsana at P. S. Science & H. D. P. Arts College, Kadi, Gujarat, 21-23 March, 2012.
- UGC sponsored two days hands-on workshop on “Information and Communication Technology (ICT) in Effective Teaching and Learning Process through Electronic Presentation Tools” held at S. V. Institute of Computer Studies, Kadi, Gujarat, 12-13 March, 2012.

- National conference on “Recent Advances in Life Science and Chemical Science” held at M.B. Patel Science College, Anand, 10th August, 2013.
- “Gujarat Science Congress” held at H.N.G. University, Patan, 23-24 February, 2014.
- UGC sponsored national seminar on “Chemical Sciences in Present Scenario (CSIPS-2016)” held at V. P. & R. P. T. P. Science College, Vallabh Vidhyanagar, 8-9, January, 2016. (**Oral Presentation**)

TRAININGS

- “Teachers’ Training & Capacity Building Programme” organised by Knowledge Consortium of Gujarat (KCG), Department of Education at Pandit Deendayal Petroleum University, Gandhinagar during 20-25 June 2011.
- “Advance Chromatographic Course” on High Performance Liquid Chromatography and Gas Chromatography at Advance Analytical Research & Training Institute (An ISO 9001:2008 Certified Training Institute), Ahmedabad during 25th August 2011 to 25th September 2011.

EXPERT TALKS/LECTURES

- 3 Expert talks have been delivered in various sponsored workshops to the Under Graduate (UG) and Post Graduate (PG) students.
- 4 Expert lectures have been delivered to the UG and PG students at various institutes.