**LIST OF PUBLICATIONS:**


3. Synthesis and anticancer activities of new benzothiadiazinyl hydrazinecarboxamides and anilino[1,2,4]triazolo[1,5-b][1,2,4] thiazidine 5,5-diones.

   (Communicated to *Bioorg. Med. Chem. Lett*)


7. An efficient synthesis of bis(indolyl)methanes and evaluation of their antimicrobial activities.

8. Synthesis, structural characterization and biological evaluation of novel 1,2,4-triazolo[1,5-b][1,2,4]benzothiadiazine-benzothiazole conjugates as potential anticancer agents.


10. Al(OTf)₃ – A highly efficient catalyst for the tetrahydropyranylation of alcohols under solvent-free conditions.

11. Al(OTf)₃ as a highly efficient catalyst for the rapid acetylation of alcohols, phenols and thiophenols under solvent free conditions
12. Determination of ethanol in blend petrol by gas chromatography and fourier transform infrared spectroscopy

P. Ravi Prasad, K.S. Rama Rao, K.Bhuvaneswari, N. Praveena, Y. V. V. Srikanth.


13. Determination of thermodynamic properties of common organic solvents in C36 dicarboxylic acid methyl ester by gas liquid chromatography

K. Sita Rama Rao, Y. V. V Srikanth, A. S. R. Krishna Murty


14. 2-Anilinonicotinyl linked 2-aminobenzothiazoles and [1,2,4]triazolo[1,5-b][1,2,4]benzothiadiazine conjugates as potential mitochondrial apoptotic inducers.


(Communicated to Chem. Med. Chem)

15. Synthesis of aryl substituted naphthalene linked pyrrolobenzodiazepine (PBD) conjugates as potential anticancer agents with apoptosis inducing ability


(Communicated to Chem. Med. Chem)

Ahmed Kamal, Y. V. V. Srikanth, M. Naseer A. Khan, M.Kashi Reddy.
(To be communicated to *Bioorg. Med. Chem. Lett.*)

17. Neodymium sulfate catalysed synthesis of quinoxaline derivatives
Ahmed Kamal, Y. V. V. Srikanth, Farheen Sultana, M. Naseer A. Khan.
(To be communicated to *Cat. Comm*)

18. Synthesis of terphenyl benzimidazoles as anticancer agents and inhibition of
tubulin polymerization
Ahmed Kamal, M. Kashi Reddy, Y. V. V. Srikanth, Rajender, Thokhir B. Shaik,
and Shasi V. Kalivendi
(To be communicated to *Eur. J. Med. Chem*)

19. 3-Arylethynyl substituted quinazolinones compounds as anticancer agents
through inhibition of PARP.
Ahmed Kamal, Farheen Sultana, Y. V. V. Srikanth, A. Viswanath
(To be communicated to *J. Med. Chem.*)

**Patents (India & Foreign) Filed**

1. 2-Anilino nicotinyl linked 2-amino benzothiazole conjugates as potential
anticancer agents, apoptosis inducers and process for the preparation thereof,
A. Kamal, Y. V. V. Srikanth, M. N. A. Khan, Md. Ashraf, I. Sehar, G. Chashoo,

2. 3-Arylethynyl substituted quinazolinone compounds A. Kamal, Farheen
Sultana, E. Vijaya Bharathi, Y. V. V. Srikanth, A. Viswanath, P. swapna 2011,
Indian appln. No. 391/DEL/2011; dated: 14-02-2011

**SYMPOSIUM AND CONFERENCES**

1. 3rd Mid Year CRSI Symposium in chemistry July 25-26, 2008, held at National
Institute of Pharmaceutical Education And Research, S.A.S.Nagar, Punjab.
2. 12th CRSI National Symposium in Chemistry & 4th CRSI-RSC Symposium in Chemistry February 4-7, 2010 held at Indian Institute of Chemical Technology, Hyderabad and National Institute Of Pharmaceutical Education And Research (NIPER) Hyderabad