

BIO –DATA



A. Name & Full address : Dr. Manda Sarangapani
University College of Pharmaceutical Sciences,
Kakatiya University,
Vidyaranyaपुरi,
Hanamkonda,
Warangal – 506009.
Andhra Pradesh, India

B. Designation : Professor

C. Date of Birth : 10-11-1960

D. Age as on Date of Conference : 56 years

E. Academic Qualifications:

S.No	Degree	Subject	University	Year	% of Marks
1	B. Pharmacy		Kakatiya University	1984	70.3%
2	M. Pharmacy	Pharmaceutical Chemistry	Andhra University	1986	70.3%
3	Ph.D		Kakatiya University	1995	

F. Work Experience:

S.No	Positions Held	Name of the Institute	Period	Scale of Pay
1	Professor of Pharmacy	Kakatiya University, Warangal	2006 – till date	37000-57000

2	Reader in Pharmacy	Kakatiya University, Warangal	1998-2006	3700-5700
3	Lecturer in Pharmacy	Kakatiya University, Warangal	1991-1998	2200-4000
4	Lecturer in Pharmacy	Gov. Polytechnic College for Woman, Nizamabad	1988-1991	2200-4000
5	Lecturer in Pharmacy	Karnataka B.pharmacy, College, Bidar	1986-1988	2200-4000

G. List of projects completed

Title of the Project	Name of the Funding Agency	Duration
1. Development of Bis Isatin derivatives as DNA intercalators for anticancer activity.	UGC, New Delhi	2012-2015
2. Hybrids/Pseudonatural Products as pharmaceuticals	DST, New Delhi Collaborative work with IICT, Hyderabad	2003-2006
3. Effect of new Indole derivatives on biogenic amine levels-Development of new CNS agents.	UGC, New Delhi	1999-2001
4. Effect of 2-substituted [1,3,4] oxadiazol [6,5-b] indoles on biogenic amine levels –development of new antidepressants	AICTE, New Delhi	1998-2001

H. Other Research Projects:

Guiding UGC sponsored Post -Doctoral research projects: 02

I. Ph.Ds awarded – 24

- A. Faculty of Pharmaceutical Sciences, KU- 15
- B. Faculty of Science, KU -05
- C. Faculty of Pharmaceutical Sciences, JNTUH- 04

J. Awards: 06

- i. Won Best poster award in Institute of Science and Technology, JNTUH in 2016.
- ii. Best Paper Presentation by APTI in 2010
- iii. Best Poster Presentation Award by Osmania University in 2010
- iv. Best Research Paper Award by IDMA in 1999
- v. Won **First Prize** for poster entitled “Herbal Medicine for Diabetes” in DST Sponsored National Seminar on Emerging Trends in Biotechnological Applications in Plants – Indian Perspective, Organized by Department of Biotechnology, Chhatrapati Postgraduate College, Warangal held on 27-28th march 2010.
- vi. Won **Best Poster** award in CSIR Sponsored National Conference on “Recent Advances In Chemical Research(NCRACR-2009)” organized by Department of Chemistry, University College of Science, Osmania University, Hyderabad held on 6-7th Feb 2009.

L. Other professional responsibilities:

- President, Association of Kakatiya University Teachers (2013-2015)
- Pharmacy Council of India Inspector
- Co-Ordinating Officer, UGC Unit, Kakatiya University, (2012-2013)
- Principal & Head, University College of Pharmaceutical Sciences, Kakatiya University (2008-2010)
- Organized International Conference on “Recent Advances in Drug Discovery” University College of Pharmaceutical Sciences, Kakatiya University, Warangal, 22nd to 24th October 2010.
- Chaired the scientific session of Medicinal Chemistry in 60th Indian Pharmaceutical Congress, Manipal, 2010
- Chairperson, Board of Studies, Faculty of Pharmaceutical Sciences, Kakatiya University (2007-2008)
- Chaired the scientific session of Medicinal Chemistry in 57th Indian Pharmaceutical Congress, Hyderabad 2nd-4th December 2005.

- Chaired the scientific session of Medicinal Chemistry in 56th Indian Pharmaceutical Congress, Kolkata 3rd– 5th December 2004
- General Secretary, Association of Kakatiya University Teachers (1999-2002)
- Joint Secretary, Association of Kakatiya University Teachers (1997-1999)
- Warden, Pharmacy Hostel, Kakatiya University (1992-1996)

Professional Memberships

1. Registered Pharmacist-A.P. Pharmacy Council-
2. Life Member, Association of Pharmaceutical Teachers of India (APTI)
3. Life Member, The Indian Pharmaceutical Association (IPA)
4. Life Member, Indian Council of Chemist

M.Books Published/ Book Chapters:2

- 1) M.Sarangapani and K. Swathi and, “Synthesis And Antiepileptic Activity of Schiff’s Bases of Dialkylamino Alkoxy Isatin Derivatives”, **Advances in Experimental Medicine and Biology(AEMB), Chapter 13,Vol. 822, Springer Series 2015, IF-2.012, ISBN 978-3-319-08926-3. (SCI Indexed)**
- 2) M.Sarangapani and K. Swathi, “Synthesis and Screening of Biologically Significant 5-Hydroxy Isatin Derivatives for Anti-oxidant Activity”, **Advances in Experimental Medicine and Biology (AEMB), chapter14, Vol. 822, Springer Series 2015, IF-2.012, ISBN 978-3-319-08926-3. (SCI Indexed)**

N. Publications : 142 Citations: 736

- 1) K. Swathi and M.Sarangapani, “**Synthesis and Characterization of Biologically Significant,5-[N,N-dialkylamino alkoxy] Indole 2,3-diones and 5-[N,N-dialkylaminoalkoxy] indole 3-semicarbazone 2-ones**”, Hybrid and Composite Materials, Chemical Processing, **ELSEVIER** Materials today Proceedings, Science direct publication (Thomson Reutter & SCI Indexed) (Accepted for publication: Due Date: 25-10-2016)

- 2) K. Swathi and M. Sarangapani, "**Synthesis And Sedative-Hypnotic Activity Of Novel Series Of Isatin Derivatives**", Hybrid and Composite Materials, Chemical Processing, **ELSEVIER** Materials today Proceedings, Science direct pub (Thomson Reutter & SCI Indexed) (Accepted for publication: Due Date: 25-10-2016)
- 3) Swathi and M. Sarangapani, "**Evaluation of Anti Epileptic Effect of New Indole Derivatives by Estimation of Biogenic Amines Concentrations in Rat Brain**", Advances in Experimental Medicine and Biology (AEMB), Vol. 823, **Springer** Series 2016, IF-2.012, ISBN 978-3-319-08926-3. (Thomson Reutter & SCI Indexed) (Accepted for publication: Due Date: December 2016)
- 4) K. Swathi, C. Manasa and M. Sarangapani, "**Development of Novel Indole Molecules for the Screening of Anti-inflammatory Activity** (AEMB), Vol. 823, **Springer** Series 2016, IF-2.012, ISBN 978-3-319-08926-3. (Thomson Reutter & SCI Indexed) (Accepted for publication: Due Date: Dec-2016)
- 5) R. Jarapula, K. Gangarapu, S. Manda, S. Rekulapally **Synthesis, In Vivo Anti-Inflammatory Activity, and Molecular Docking Studies of New Isatin Derivatives** International Journal of Medicinal Chemistry 2016.
- 6) S. Myadaraboina, M. Alla, A. Parlapalli, S. Manda, **Solvent-free one-pot synthesis of polysubstituted tetrahydropyrimidines and their antioxidant and antimicrobial properties**, Research on Chemical Intermediates 42 (2), 923-937, 2016
- 7) G. Sandhyarani, Abdul, M. Sarangapani **Drug Interactions of meloxicam and polyherbal formulation**, Pharmanest 7(5), 3177-3184, 2016
- 8) G. Sandhyarani, M. Sarangapani **Formulation and Evaluation of Orodispersible Tablets Of Domperidone** IOSR Journal Of Pharmacy 6 (9) 39-47, 2016.
- 9) G. Sandhyarani, M. Sarangapani **Influence of menstrual cycle on the pharmacokinetics of ciprofloxacin** (Accepted)

- 10) G.Sandhyarani, M.Sarangapani **Influence of menstrual cycle on the pharmacokinetics of Doxycycline** (Accepted)
- 11) A Parlapalli, S Manda **In vitro antioxidant activity of novel 4-hydroxy-1-methyl-3-(3-substituted)-4, 5-dihydroisoxazol-5-yl) quinolin-2 (1H)-One derivatives**, Pharmacophore An International Research Journal 6 (5), 243-248 ,2015
- 12) S Rekulapally, R Jarapula, K Gangarapu, S Manda, JR Vaidya**In silico and in vitro studies of novel 7-azaindole and 7-azaisatin derivatives as potent anticancer agents**, Medicinal Chemistry Research 24 (9), 3412-3422, 2015
- 13) H Gadegoni, S Manda, S Rangu, **Synthesis and biological evaluation of some novel pyridazine based 1,3,4-oxadiazoles as potential antimicrobial agents**, World Journal of Pharmacy and Pharmaceutical sciences, Volume 4, Issue 10, 1901-1909, 2015
- 14) A Lavanya, A Parlapalli, M Ciddi, M Sarangapani **Novel 2-Amino-N'-(2-oxoindoline-3ylidene)benzo[d]oxazol-5-carbohydrazides as anti-inflammatory agents**, International Journal of Pharmaceutical Sciences and Research 6 (1), 212, 2015
- 15) K Swathi, M Sarangapani**Synthesis and Antiepileptic Activity of Schiff's Bases of Dialkylamino Alkoxy Isatin Derivatives** Springer Advances in Experimental Medicine and Biology 822, 119-128,2015
- 16) K Swathi, M Sarangapani, **Synthesis and Screening of Biologically Significant 5-Hydroxy Isatin Derivatives for Antioxidant Activity**, Springer Advances in Experimental Medicine and Biology 822, 129-137,2015
- 17) B Minugonda, A Parlapalli, S Manda **synthesis of new 3-(2-benzoylhydrazono)-[n-substituted]-2-Oxoindolin-5-carboxamides**Indo American Journal of Pharmaceutical Research 5 (9), 3710-3715, 2015

- 18) DP Kemiseti, S Manda, J Aukunuru, KM Chinnala, NK Rapaka **Synthesis of prodrugs of mefenamic acid and their in vivo evaluation**, International Journal of Pharmacy and Pharmaceutical Sciences 6 (7), 437-4421 2014
- 19) AD Paralapalli, M Cidda, S Manda **Antiinflammatory and antioxidant activities of 2-amino-n-(substituted alkyl)benzoxazole-5-carboxamide derivatives**, International Journal of Pharmacy and Pharmaceutical Sciences 6 (7), 311-314, 2014
- 20) K Meenakshi, N Gopal, M Sarangapani, T Anusha **Synthesis, characterization, analgesic, antiinflammatory and antimicrobial activity of new 7-azaindole derivatives** World J. Pharmacy and Pharm. Sci 3 (10), 671-682, 2014
- 21) .K Swathi, M Sarangapani **Development of Novel Indole Molecules for the Screening of Anti-inflammatory Activity** Journal of Pharmacy Research Vol 8 (2), 162-166, 2014
- 22) .K Gangarapu, S Manda, A Jallapally, S Thota, SS Karki, J Balzarini, **Synthesis of thiocarbohydrazide and carbohydrazide derivatives as possiblebiologically active agents...** Medicinal Chemistry Research 23 (2), 1046-1056, 2014
- 23) S Tabassum, K Gangarapu, G Thumma, S Manda, RNR Anreddy, **Cardioprotective Activity of Bis [5-methyl-2-oxo-1, 2-dihydro-3H-indol-3-ylidene] carbonohydrazide Derivative against Doxorubicin Induced Cardiotoxicity in Rats** , Journal of Chemistry 2014
- 24) K.Vijaya, M.Sarangapani, S.Sunitha, P.Prashanthi, **Synthesis, Characterization and Biological Screening of (2-Dialkylamino-Ethoxy)-Acetic Acid (2-Oxo-1, 2-Dihydro-Indol-3-Ylidene)-Hydrazides**, Journal of Pharmacy and Chemistry 8 (2), 6-11 2014
- 25) K Swathi, M Sarangapani **Synthesis and sedative-hypnotic activity of novel series of isatin hydrazone and isatin thiosemicarbazone derivatives**, World Journal of Pharmacy and Pharmaceutical Sciences 3 (3), 2720-2723, 2014
- 26) K Meenakshi, N Gopal, M Sarangapani **Synthesis, characterization and antimicrobial activity of some novel Schiff and mannich bases of isatin** Int J Pharm Pharm Sci 6, 318-322, 2014

- 27) K Swathi, M Sarangapani **Synthesis and anti-inflammatory activity of a novel series of Isatin hydrazone and Isatin thiosemicarbazone derivatives** World J Pharmacy Pharm Sci 3, 2070-2078, 2014
- 28) K Swathi, M Sarangapani, M Madhavi **Design, Synthesis and Spectral Characterization of 5-[2 (3)-Dialkylamino Alkoxy] Indole 3-Hydrazone 2-One And 5-Hydroxyindole -3-Thiosemicarbazone 2-Ones**, International Journal of Research and Development in Pharmacy and Life 2014
- 29) D Kemiseti, S Manda, J Aukunuru, NK Rapaka **Polymeric Prodrugs of Diclofenac and in vivo Evaluation**, International Journal of ChemTech Research 6 (5), 2637-2644, 2014
- 30) D Kemiseti, S Manda, NK Rapaka **Synthesis of nimesulide conjugates, in vitro and in vivo evaluation**, Der Pharma Chemica 6 (2), 317-329, 2014
- 31) Anupama devi M Sarangapani Int. J. Drug Dev. & Res 5 (4), 0975-9344 2013
- 32) A Santhoshi, PS Sadhu, R Sriram, CNSSP Kumar, B Mahendar, **A facile route for the synthesis 1, 4-disubstituted tetrazolone derivatives and evaluation of their antimicrobial activity**. Medicinal chemistry research 22 (7), 3329-3340, 2013
- 33) G Kiran, M Sarangapani, T Gouthami, AR Narsimha reddy **Synthesis, characterization, and antimicrobial and antioxidant activities of novel bis-isatin carbohydrazone derivatives** Toxicological & Environmental Chemistry 95 (3), 367-378, 2013
- 34) H Gadegoni, S Manda **Synthesis and screening of some novel substituted indoles contained 1, 3, 4- oxadiazole and 1, 2, 4-triazole moiety** Chinese Chemical Letters 24 (2), 127-130, 2013
- 35) Swati K, S Manda **synthesis and antibacterial activity of the 5-[2 (3)-Dialkylamino alkoxy] isatin 3-thiosemicarbazones and 5-[2 (3)- dialkylamino alkoxy] isatin-3-hydrazone** International Journal of Pharmaceutical, Biological and Chemical Sciences, 2013

- 36) V Lagishetty, M Sarangapani, S Enaganti **Synthesis and Insilico Assessment of Novel Benzothiazole Series against Human DNA Topo Isomerase I** International Journal of Computer Applications 69 (10) 2013
- 37) S Janardhan, A Srinivas, M Sarangapani, G Balaswamy **Synthesis and anti-inflammatory activity of a novel series of substituted 5-([1, 2, 4] triazolo [3, 4-b][1, 3, 4] thiadiazol-3-yl)-1, 3-benzoxazole derivatives** J Advan Pharm Sci 3 (1), 458-662, 2013
- 38) K Swathi, M Sarangapani **Synthesis and screening of biologically significant indole derivatives for anticonvulsant activity** Int. J. Pharm. Biol. Sci 3 (1), 628-635, 2013.
- 39) B Minugonda, K Swathi, KN Kumar, M Sarangapani **synthesis and sedative-hypnotic activity of new isatin derivatives** International Journal of Pharmacy and Biological Sciences 3 (4), 335-342, 2013
- 40) H Gadegoni, S Manda, S Rangu **Synthesis and screening of some novel 2-[5-(substituted phenyl)-[1, 3, 4] oxadiazol-2-yl]-benzoxazoles as potential antimicrobial agents** Journal of the Korean Chemical Society 57 (2), 221-226, 2013
- 41) ARN Reddy, J Nagaraju, G Rajyalaksmi, M Sarangapani **Cardioprotective effect of N-(benzo [d] oxazol-2-yl)-2-(5-bromo-2-oxoindolin-3-ylidene) hydrazinecarboxamide against doxorubicin induced cardiotoxicity in rats** Toxicological & Environmental Chemistry 94 (10), 2012-2018, 2012
- 42) R Sriram, CN Sesha Sai Pavan Kumar, N Raghunandan, V Ramesh, **AlCl₃/PCC-SiO₂-promoted oxidation of azaindoles and indoles** Synthetic communications 42 (23), 3419-3428 , 2012
- 43) A Venkatesham, JV Rao, KV Kumar, M Sarangapani, K Devarakonda **Effect of dialkyl-[2-(1-oxa-3, 4, 9-triaza-fluoren-2-yl-methoxy) ethyl] amines on biogenic amines: new potential antidepressants** Canadian journal of physiology and pharmacology 90 (12), 1585-1590, 2012
- 44) KE Ravi, RP Muralidhar, M Sarangapani, G Hanmanthu, B Geeta, **Synthesis of N donor macrocyclic Schiff base ligands and their Ru (II), Pd (II), Pt (II) metal complexes for biological studies and**

- catalytic oxidation of didanosine in pharmaceuticals** Spectrochimica acta. Molecular and biomolecular spectroscopy 97, 189-196, 2012
- 45) C Radhika, A Venkatesham, M Sarangapani **Synthesis and antidepressant activity of di substituted-5-aryl-1, 2, 4-triazoles** Medicinal Chemistry Research 21 (11), 3509-3513, 2012
- 46) G Kiran, T Maneshwar, Y Rajeshwar, M Sarangapani **Microwave-assisted synthesis, characterization, antimicrobial and antioxidant activity of some new isatin derivatives** Journal of Chemistry, 20, 139, 2012
- 47) G Rajyalakshmi, A Rama Narsimha Reddy, M Sarangapani **Synthesis and biological activities of some novel 2-amino-(5 or 7-substituted-2-oxoindolin-3-ylidene) benzoxazole-5-carbohydrazide derivatives oxoindolin-3-ylidene) benzoxazole-5-carbohydrazide derivatives** Letters in Drug Design & Discovery 9 (6), 625-632 3 2012
- 48) G Balaswamy, K Srinivas, P Pradeep, M Sarangapani **one pot synthesis of benzoxazolyimides by tin phosphomolybdic acid mediated reductive acylation of 5-nitrobenzoxazole** Indian journal of heterocyclic chemistry 21 (4), 381-382, 2012
- 49) G Balaswamy, K Srinivas, P Pradeep, M Sarangapani **synthesis and antimicrobial activity of benzoxazole Derivatives** Indian journal of heterocyclic chemistry 21 (4), 365-368, 2012
- 50) BVS Reddy, N Rajeswari, M Sarangapani, Y Prashanthi, RJ Ganji, **Iodine-catalyzed condensation of isatin with indoles: a facile synthesis of di (indolyl) indolin-2-ones and evaluation of their cytotoxicity** Bioorganic & medicinal chemistry letters 22 (7), 2460-63, 2012
- 51) J Somagoni, S Reddy, VK Katakam, S Koorelli, S Manda, MY Rao **Preparation of Inclusion Complexes of Amlodipine Base and its Besylate and Maleate Salts with Hydroxy Propyl β -cyclodextrin-A study on Stereospecific Dissolution** Pharmaceutica Analytica Acta 2(3), 8, 2011.

- 52) JM Somagoni, S Reddy, S Koorelli, S Manda, MR Yamsani **Enantiomeric Separation and Determination of Stereospecific Drug Release from Marketed Racemic Amlodipine Besylate Tablets by Chiral HPLC.** Pharmaceutica Analytica Acta 2(5) 2011.
- 53) G. Rajyalakshmi, a. Rama narsimha reddy, G. Kiran, A.Srinivas, Y.Narsimha reddy, M Sarangapani , **Synthesis ,antimicrobial, antioxidant and anticancer activities of some novel 3-(benzoxazole-2-ylimino)indoline-2-one derivatives.**J. Chil. Chem. Soc 57 (4) 2012
- 54) K Swathi, M Sarangapani, **synthesis and screening of anti-inflammatory activity of Indole derivative** International journal of pharmaceutical research and biomedical analysis 1 ,2012
- 55) K Swathi, M Sarangapani **Synthesis and antibacterial activity of 5-[2 (3)-dialkylamino Alkoxy] indole 2, 3-diones and 5-[2 (3)-dialkylamino alkoxy]Indole 2-one, 3-semicarbazones** Asian Journal of Pharmaceutical and Clinical Research 5 (3), 197-199 1 2012
- 56) R Chelamalla, A Venkatesham, M Sarangapani **Synthesis and Antidepressant Activity of Some Novel 1, 2, 4-Triazole Derivatives**Journal of Pharmacy Research 5 (9), 47392 2012.
- 57) S Janardhan, M Sarangapani, G Balaswamy **Synthesis and characterization of substituted 5-([1, 2, 4] triazolo [3, 4-B][1, 3, 4]- thiadiazol-3-yl)-1, 3-benzoxazole derivatives as antimicrobial agent**Sci. Rev. Chem. Commun 2 (4), 572-579 , 2012
- 58) KA Devi, S M Sarangapani **Synthesis and antimicrobial activity of some quinazolinones derivatives**International Journal of Drug Development and Research 4 2012
- 59) G Balaswamy, K Srinivas, P Pradeep, M Sarangapani **Synthesis, characterization and antimicrobial activity of novel substituted benzoxazole derivatives** International Journal of Chemical Sciences 10 (2), 619-626 9 2012
- 60) S Cherala, H Lingabathula, R Ganta, S Ampati, S Manda **Synthesis and anti-inflammatory activity of a novel series of diphenyl-1, 2, 4-triazoles and related derivatives.** Journal of Chemistry 9 (4), 2510-2515, 2012

- 61) BVS Reddy, N Rajeswari, M Sarangapani, GR Reddy, C Madan, **Iodine-catalyzed conjugate addition of indoles onto en-1, 4-dione: A novel synthesis of 3-(1-(1H-indol-3-yl)-2-oxo-2-phenylethyl) indolin-2-ones as antibacterial and antifungal agents**
Bioorganic & medicinal chemistry letters 21 (21), 6510-6514 , 2011
- 62) M Jyothi, N Satyanarayana, M Sarangapani **Synthesis of some new 5-(2-substituted benzoxazol-5-yl)-3-(N, Ndisubstituted)- 1, 3, 4-thiadiazolin-2-thiones** Indian Journal of Heterocyclic Chemistry 21 (2), 139-142,2011
- 63) R Gudipati, RNR Anreddy, S Manda **Synthesis, characterization and anticancer activity of certain 3-{4-(5-mercapto- 1, 3, 4-oxadiazole-2-yl) phenylimino} indolin-2-one derivatives** Saudi Pharmaceutical Journal 19 (3), 153-158,2011
- 64) K Gangarapu, R Malothi, R Gudipati, RJ Venkateshwa, S Manda **Synthesis, Anti-inflammatory and Analgesic activity of 4-(Substituted benzylamino)-5-Substituted Phenyl-3-amino-1, 2, 4-triazole Derivatives** Latin American Journal of Pharmacy 30 (3), 446-451, 2011
- 65) R Nerella, S Lingala, S Manda **Synthesis and CNS activity of new indole derivatives** Int. J. Pharm. Sci. Rev. Res 7, 9-13,2011
- 66) K Hygreevachary, B Srinivas, G Kiran, M Sarangapani **Synthesis and anti-inflammatory activity of sulfohydrazide derivatives** Journal of Advanced Pharmaceutical Sciences 1 (1), 22-28,2011
- 67) N Rajeswari, M Sarangapani, GR Reddy, C Madan, KP Kumar, MS Rao **Iodine-catalyzed conjugate addition of indoles onto en-1, 4-dione: A novel synthesis of 3-(1-(1H-indol-3-yl)-2-oxo-2-phenylethyl) indolin-2-ones as antibacterial and antifungal agents**,2011
- 68) M Ajitha, K Rajnarayana, M Sarangapani **Synthesis and evaluation of new 3-substituted-[3, 4-dihydropyrimidinones]-indolin-2-ones for analgesic activity**

International Res J Pharm 2 (7), 80-84 , 2011

- 69) S Janardhan, G Balaswamy, M Sarangapani **Synthesis of some biologically potent novel 5-(5-substitutedphenyl)-4H-1, 2, 4- triazole-3-yl-1, 3-benzoxazoles**, Rasayan. J. Chem 4 (3), 588-593, 2011
G Sammaiah, G Brahmeshwari, M Sarangapani **Synthesis and biological activity of 2-aminobezoic acid (2-oxo-1, 2 dihydroindol- 3-ylidene)-hydrazides** J Adv Pharm Sci 1, 47-52, 2011
- 70) NV Madhav, AS Nayak, JV Rao, M Sarangapani **Synthesis of Some new 1, 3, 4-thiadiazoles as antimicrobial agents** Journal of Pharmacy Research 1 (4), 1396-1397, 2011
- 71) G Rajyalakshmi, ARN Reddy, M Sarangapani **Synthesis, characterization, anti-cancer and antioxidant activities of some novel N-(benzo [d] oxazol-2-yl)-2-(7 or 5-substituted-2-oxoindolin-3-ylidene) hydrazinecarboxamide derivatives.**J Enzyme Inhibition & Medicinal Chemistry 26 (6), 813-818 3 2011
- 72) PB Madhu, KJ Maharaj, G Brahmeshwari, M Sarangapani, G Sammaiah **Synthesis and antimicrobial activity of some new isatin derivatives** J Appl Pharm Sci 1, 20-33 7 2011
- 73) S Garrepalli, M Sarangapani, P Garrepally, S Chilukala **Design, synthesis and biological evaluation of benzoxazole derivatives as cyclooxygenase-2 inhibitors**
Der Pharmacia Lettre 3 (2), 427-432 9 2011
- 74) K Swathi, M Sarangapani **Development of Novel Indole Molecules for the Screening Of Anti-Oxidant Activity** International Journal of Pharmacy and Biological Sciences 1 (3), 377-385 2011
- 75) NR Chillumula, S Ampati, R Gudipati, S Manda, D Gaday **Design, Synthesis and Biological Evaluation of Methyl-2-(2-(Arylideneamino) Oxazol-4-Ylamino) Benzoxazole-5-Carboxylate Derivatives as New Antiinflammatory Agents** Research Journal of Pharmacy and Technology 4 (2), 302-307 2011

- 76) JM Somagoni, VK Katakam, S Reddy, S Gande, S Manda, MR Yamsani **Enantiomeric separation and determination of stereospecific drug release from marketed racemic omeprazole products by chiral HPLC** Latin American Journal of Pharmacy 30,2011
- 77) Nrao Chilumuru, S Ampati, S Manda, D Gadhe **Journal of Advanced Pharmaceutical Sciences** 1 (1), 16-21 2011
- 78) SK Yamsani, A Devandla, VV Yamsani, B Athukuri, R Gannu, CR Palem, **Effect of ashwagandha and aloe vera pretreatment on intestinal transport of buspirone across rat intestine** Latin American Journal of Pharmacy 30 1 2011
- 79) JM Somagoni, S Dharani, PK Panakanti, S Koorelli, S Manda, YM Rao **Stereospecific dissolution of inclusion complexes of amlodipine base and its besylate enantiomers with hydroxypropyl--cyclodextrin** Latin American Journal of Pharmacy 30, 1, 2011
- 80) NR Chilumuru, S Ampati, S Manda, D Gadhe **Synthesis and in vivo evaluation of anti-inflammatory activity of 5-(2-(2-(arylideneamino) oxazol-5-ylamino) benzoxazol-5-yl)-3-((dialkylamino) methyl)-1, 3, 4-oxadiazole-2 (3H)-thiones**, Journal of Advanced Pharmaceutical Sciences 1 (1), 34-50 2011
- 81) S Katla, P Pothana, B Gubba, S Manda, **Synthesis and Characterization of Benzoxazole Derivatives**, Der Chemica Sinica 2 (5), 47-53 2011
- 82) YS Kumar, D Adukondalu, D Sathish, YV Vishnu, G Ramesh, AB Latha, **P-Glycoprotein and cytochrome P-450-mediated herbal drug interactions ...** Drug metabolism and drug interactions 25 (1-4), 3-16 14 2010
- 83) A Patel, S Bari, G Talele, J Patel, M Sarangapani **Synthesis and antimicrobial activity of some new isatin derivatives**, Iranian Journal of Pharmaceutical Research, 249-254 69 2010

- 84) M Jyothi, N Satyanarayana, M Sarangapani **synthesis of some new 5-(2-substituted benzoxazol-5-yl)-2-(methylthio/benzylthio/arylamino carbonyl methyl thio)-1, 3, 4-oxadiazoles**, Indian Journal of Heterocyclic Chemistry 20 (2), 191-192 2010
- 85) M Jyothi, S Janardhan, N Satyanarayana, M Sarangapani **Synthesis of 2-substituted benzoxazole-5-yl-1, 3, 4-thiadiazoles, 1, 3, 4-oxadiazoles and 1, 2, 4-triazoles**, Indian Journal of Heterocyclic Chemistry 20 (1), 97-98, 2010
- 86) M Reena, G Kiran, G Rajyalakshmi, RJ Venkateshwa, M Sarangapani, , **Synthesis and anti-inflammatory activity of 2-substituted-((N, N-disubstituted)-1, 3-benzoxazole)-5-carboxamides** Acta pharmaceutica Sinica 45 (6), 730-734 2010
- 87) A Srinivas, JV Sagar, M Sarangapani **Journal of Chemical and Pharmaceutical Research** 2 (1), 319-326 2010
- 88) MA Kumar, MK Reddy, M Sarangapani **Effect of New Heterocyclic Compound on Carbohydrate Metabolism in Different Tissues of Male Albino Rats** , Indian Journal of Animal Research 44 (2), 135-138 2010
- 89) C Radhika, V Akena, JV Rao, M Sarangapani **Synthesis and Cytotoxic Activity of New Indole Derivatives** Asian Journal of Research in Chemistry 3 (4), 965-968 2010
- 90) SS Rani, B Agaiah, K Srinivas, M Sarangapani **Antibacterial and anticancer activity of new bisatin malonohydrazides**, International Journal of Chemical Sciences 8 (3), 1621-1627 2010
- 91) MA Kumar, MK Reddy, M Sarangapani **Effect of heterocyclic compound on biochemical contents of male albino rats**. Journal of Ecobiology 27 (3/4), 325-329 2010
- 92) M Anil Kumar, M Krishna Reddy, M Sarangapani **Carbohydrate metabolism in different tissues of male Albino rats - an effect of Heterocyclic compound**, Geobios 37 (2), 193 2010

- 93) SS Rani, B Agaiah, M Sarangapani **Antibacterial and cytotoxic activity of 2,2(5,5'-methylenebis(1,3,4-oxadiazole-5,2-diyl)bis(N'-(2-oxoindolin-3-ylidene)Acetohydrazides**, International Journal of Chemical Sciences 8 (3), 1781-1789 2010
- 94) S Shobha Rani, S Gurunath, R Sriram, M Sarangapani **Synthesis, characterization and in-vitro cytotoxic activity of n-alkyl derivatives of isatin** Pharmacie Globale 1 (3) 1 2010
- 95) SS Rani, S Gurunath, R Sriram, M Sarangapani **Synthesis, characterization and in-vitro cytotoxic activity of N-alkyl derivatives of isatin** Intl. J. Compr. Pharm 1 (3), 1-62 2010
- 96) RC Nageshwar, G Rajyalaxmi, S Ampati, M Sarangapani, G Dayaka **Synthesis of some novel methyl-2-(2 (arylideneamino) oxazol4ylamino) benzoxazole5carboxylate derivatives as new anti-inflammatory agents** International Journal of Chemistry Research 1, 1-6 2010
- 97) N Raghunandan, MA Devi, D Sriram, M Sarangapani **Synthesis and pharmacological screening of some new derivatives of (Z)-[2-(2- substituted benzalamino-4-yl) hydrazono]-indolin-2-ones** Der Pharma Chemica 96, 1063 2010
- 98) .K. Swathi, A. Srinivas, M Sarangapani **Design, synthesis and biological evaluation of 5-[2-(3)-dialkylamino alkoxy] indole 2, 3-diones as new antihistamine agents** J. Chem. Pharm. Res 2 (2), 220-225 5 2010
- 99) A Srinivas, J Vidyasagar, M Sarangapani **Design, synthesis and biological evaluation of benzoxazole derivatives as new anti-inflammatory agents** J. Chem. Pharm. Res 2 (1), 319-3267 2010
- 100) A Srinivas, JV Sagar, M Sarangapani **Design, synthesis and biological evaluation of benzoxazole derivatives as cyclooxygenase-2 inhibitors** Int. J. Pharm.Sci.143-149,2010
- 101) S Ampati, JV Vidyasagar, K Swathi, M Sarangapani **Synthesis and in vitro evaluation of novel benzoxazole derivatives as specific cyclooxygenase-2 inhibitors** J Chem Pharm Res 2 (2), 213-9 ,11 2010

- 102) S Ampati, VS Jenugu, R Jukanti, R Ganta, S Manda **Design, synthesis and biological evaluation of benzoxazole derivatives as cyclooxygenase inhibitors** Der Pharma Chemica 2 (4), 189-199 2010
- 103) .NR Chilumula, R Gudipati, A Srinivas, S Manda, D Gadhe **Synthesis of some novel methyl(2 (arylideneamino) oxazolylamino) benzoxazole-5-carboxylate derivatives as antimicrobial agents** International Journal of Chemistry Research 1 (2), 1-6 2010
- 104) S Ampati, R Jukanti, V Sagar, R Ganta, S Manda **Synthesis and in vivo anti-inflammatory activity of a novel series of benzoxazole derivatives** Der Chemica Sinica 1 (3), 157-168 2010
- 105) M.A kumar, Mk reddy, M. Sarangapani **Impact of New Heterocyclic compounds on LDH,SDH and GDH enzyme level in male albino rats.** Bulletin of Pure and Applied sciences, 28A(2),73-80,2009.
- 106) M Ajitha, K Rajnarayana, M Sarangapani **Synthesis and Evaluation of New 3-Substituted [3, 4-dihydro pyrimidinones] indolin-2-ones for Antioxidant Activity** Asian Journal of Chemistry 21 (6), 4635, 2009
- 107) G Kiran, G Rajyalakshmi, ARN Reddy, JV Rao, M Sarangapani **Anticonvulsant activity of some isatin-5-sulphonamide derivatives** Journal of Pharmacy Research Vol 2 (3)7 2009
- 108) M Maru, M Shah, AS Narute, AG Nikalje, SM Basavarajaiah, AB Sunar, **A simple and one-pot three-component synthesis of 1, 4-dihydropyridines** Organic Chemistry: An Indian Journal 5 (3) 2009
- 109) MA Kumar, MK Reddy, M Sarangapani **Effect of ethyl-1-(5-bromo-2-oxoindolin-3-ylideneamino)-1, 2, 3, 6-tetrahydro-4-methyl-2-oxo-6-phenyl pyrimidine-5-carboxylate compound on proteins, free amino acids and lipid contents in tissues of male albino rats** Journal of Ecophysiology & Occupational Health 9 (3), 199, 2009
- 110) MA KUMAR, MK Reddy, M Sarangapani **Effect of novel heterocyclic compound on fertility in male albino rats** Asian Journal of Bio Science 4 (2), 235-240, 2009

- 111) MA Kumar, MK Reddy, M Sarangapani **Changes in enzyme levels in male albino rats due to effect of novel heterocyclic compound**The Asian Journal of Animal Science 2010 4 (2), 205-208
- 112) G Kiran, G Rajyalakshmi, B Baburao, J Venkateshwar Rao, **Free radical scavenging activity of some isatin-5-sulphonamide derivatives** Pharmacolgia Online 1, 540-545,8. 2009
- 113) M Arjun, D Sridhar, MA Chari, M Sarangapani **An efficient Biginelli one-pot synthesis of new benzoxazole-substituted dihydropyrimidinones and thiones catalysed by alumina-supported trifluoromethane sulfonic acid under solvent free conditions**Journal of Heterocyclic Chemistry 46 (1), 119-123, 7 2009
- 114) JV Rao, M Sarangapani **Synthesis of New Isatin-3-[N2-(3-Arylideneamino-4-hydroxybenzoyl)]hydrazones as Antioxidant and Cytotoxic Agents.**Asian Journal of Chemistry 20 (7), 5341, 2008
- 115) JV Rao, M Sarangapani **Synthesis and evaluation of some new isatin hydrazones for their antibacterial, antioxidant and cytotoxic activities** Asian Journal of Chemistry 20 (7), 53316, 2008
- 116) M Sarangapani, D Sridhar, M Arjun, MA Chari **Synthesis of some novel 2-substituted-N-aryl-benzoxazole-5-carboxamides using cobalt dipyridine dichloride as a catalyst,**Journal of Heterocyclic Chemistry 45 (4), 1187-1190, 1 2008
- 117) G Sammaiah, M Sarangapani **Synthesis and Characterization of Biologically Significant 3-(2-Oxo-1, 2-dihydroindol-3-ylideneamino)-3H-benzo [d][1, 2, 3] triazin-4-ones** Asian Journal of chemistry 20 (1), 2822, 2008
- 118) G Sammaiah, M Sarangapani **Synthesis and biological activity of phenyl amino acetic acid (2-oxo-1, 2-dihydroindol-3-ylidene) hydrazides,** Asian Journal of chemistry 20 (1), 754 2008
- 119) G Sammaiah, J Venkateshwarlu, M Sarangapani, **Synthesis and Pharmacological Evaluation of 3-Methyl-4-(Oxindol-3-ylidenyl)-5-Pyrazolones,** INDIAN DRUGS BOMBAY- 44 (3), 200, ,2007

- 120)** K Suresh, G Sammaiah, K Vijaya, M Sarangapani **Synthesis and antibacterial activity of new 4-substituted-5-[(2-benzoxazolylthio) methyl]-3-mercapto-4H-1, 2, 4-triazoles**, Indian Journal Of Heterocyclic Chemistry 16 (3), 279-282,2007
- 121)** K Meenakshi, G Sammaiah, M Sarangapani, JV Rao **Synthesis and antimicrobial activity of 1-N-piperidinomethyl isatin-3-[N-(quinolin-8-yloxy) acetyl] hydrazones** Indian Journal Of Heterocyclic Chemistry 16 (1), 21-24,2006
- 122)** D Sridhar, M Arjun, M Jyothi, T Raviprasad, M Sarangapani **Synthesis of some new 2-(2-substituted benzoxazol-5-yl)-5-aryl-1, 3, 4-oxadiazoles** Indian Journal Of Heterocyclic Chemistry 16 (1), 61-62, 1 2006
- 123)** D Sridhar, M Arjun, M Jyothi, T Raviprasad, M Sarangapani **Synthesis of 5-(benzimidazol-2-yl) benzoxazoles as new anti-inflammatory agents**. Indian Journal of Heterocyclic Chemistry 16 (1), 99-100, 4 2006
- 124)** K Meenakshi, G Sammaiah, M Sarangapani, J Venkateswar Rao **Synthesis and Characterization of Water Soluble Single-Walled Carbon Nanotube Graft Copolymers** Indian J. Heterocycl. Chem 16, 21-24 5 2006
- 125)** BG Krishna, A Venkatesham, B Srinivas, JV Rao, M Sarangapani **Synthesis of 5-(2-substituted benzoxazol-5-yl)-2-methylthio/benzylthio/arylaminocarbonyl methylthio-1, 3, 4-thiadiazoles antiinflammatory agents**. Indian journal of heterocyclic chemistry 15 (2), 109-112, 4 2005
- 126)** AR Kumar, N Sudhakar, BV Rao, N Raghunandan, A Venkatesh, **A short, stereoselective, and common approach for the synthesis of 4, 5-disubstituted -lactones simple lactone B and its C-5 analogue** Bioorganic & medicinal chemistry letters 15 (8), 2085-2086,5, 2005
- 127)** M Sarangapani, V Chandrasekhar, V Ravinder **Synthesis and characterization of (6-p-cymene) Rull complexes containing N,NO donor ligands and tertiary phosphines** Journal of the Indian Chemical Society 82 (6), 497-5024, 2005

- 128)** A Ravi Kumar, N Sudhakar, B Venkateswara Rao, N Raghunandan, **A short, stereoselective, and common approach for the synthesis of 4, 5-disubstituted-lactones simplactone B and its C-5 analogue** Bioorganic & medicinal chemistry letters 15 (8), 2085-2086, 2005
- 129)** B Gopalakrishna, N Raghunandan, VJ Rao, S Bari, B Srinivas, **Synthesis and anti-inflammatory activity of some new benzoxazole Schiff bases** INDIAN DRUGS-BOMBAY- 42 (6), 369, 2005
- 130)** S Chandrasekhar, V Jagadeshwar, C Narsihmulu, M Sarangapani, **Design, synthesis and cytotoxic studies on the simplified oxy analog of eleutherobin.** Bioorganic & medicinal chemistry letters 14 (14), 3687-3689.22 2004
- 131)** M Ajitha, K Rajnarayana, M Sarangapani Synthesis of new 2-substituted-[1, 3, 4]-oxadiazino-[6, 5-b]-indoles with H₁-antihistaminic, antimuscarinic and antimicrobial activity .Die Pharmazie-An International Journal of Pharmaceutical Sciences 58 (4)2003
- 132)** M Ajitha, K Rajnarayana, M Sarangapani **Synthesis of new 2-substituted-[1, 3, 4]-oxadiazino-[5, 6-b]-indoles with H₁-antihistaminic, antimuscarinic and antimicrobial activity** Pharmazie 57 (12), 796-799
- 133)** M Sarangapani, J Jacob, B Srinivas, N Raghunandan **Synthesis and CNS Activity of New Indole Derivatives** Indian Drugs-Bombay- 38 (5), 264-268, 2001
- 134)** M Sarangapani, VM Reddy **Synthesis and screening of isatin-3-N₂-(alkoxyethoxy) acetylhydrazones** Indian drugs 36 (6), 357-362, 18 1999
- 135)** M Aruna Devi, A Narayan Reddy, M Sarangapani, VM Reddy **Synthesis and antimicrobial evaluation of some new imidazole 2-sulphones.** Indian Journal of Heterocyclic Chemistry, 7,3, 181-184, 1998
- 136)** M Sarangapani, A Narayan Reddy, Y Jayamma, VM Reddy **Synthesis and pharmacological activities of new isatin hydrazones** Indian drugs 35 (6), 336-343 ,20 1998

- 137) Y Jayamma, M Sarangapani, VM Reddy **Synthesis and antimicrobial activity of 2-[(3, 4-dihydro-3-oxo-2H-1, 4-benzoxazin-2-yl) methyl]-5-(alkyl/arythio)-1, 3, 4-oxadiazoles** Indian Journal of Heterocyclic Chemistry 6 (2), 111-114,8 1996
- 138) Y Jayamma, M Sarangapani, VM Reddy **Synthesis and evaluation of biological activity of novel heterocycles** Indian Journal of Heterocyclic Chemistry 6, 111-114,2 1996
- 139) M Sarangapani, VM Reddy **Pharmacological Evaluation of 1-(N, N-Disubstituted Aminomethyl)-3-Imino-(2-Phenyl-3, 4-Dihydro-4-Oxo-Quinazolin-3-Yl) Indolin-2-Ones** Indian journal of pharmaceutical sciences 58 (4), 147-149,2, 1996
- 140) Y Jayamma, M Sarangapani, VM Reddy **synthesis and biological evaluation of 2-[(3, 4-dihydro-3-oxo-2h-1, 4-benzoxazin-2-yl) methyl]-5-arylamino-1, 3, 4-thiadiazoles** Indian Journal of Heterocyclic chemistry 4 (4), 289-292,1995
- 141) M Sarangapani, VM Reddy **Synthesis and antimicrobial activity of 1-[(N, N-disubstituted amino) methyl]-3-[(2-phenyl-3, 4-dihydro-4-oxoquinazoline-3-yl) indole-2-one** Indian J. Heterocycl. Chem 3, 257-260, 1994
- 142) M.Sarangapani, VM Reddy **Synthesis and antimicrobial activity of isatin [N2-(2-alkylbenzoxazole-5-carbonyl)]hydrazones** . Indian Journal of Pharmaceutical Sciences, 56(5) 17,1994.

O.Papers/Posters Presented

International :

1. M.sarangapani,K.Swathi entitled "**Synthesis and Screening of New Isatins as Sedative And Hypnotic Agents**", in 1st International Conference on "Innovations in Pharmaceutical Sciences (ICIPS-2016) Organized by School of Pharmacy, Guru Nanak Institutions Technical Campus, Hyderabad during July 29th -30th, 2016.

2. M.sarangapani,K.Swathi entitled "**Development of 5-Hydroxy Isatin Derivatives as Anti-Depressant Agents**", in 1st International Conference on "Innovations in Pharmaceutical Sciences (ICIPS-2016) Organized by School of Pharmacy, Guru Nanak Institutions Technical Campus, Hyderabad during July 29th -30th, 2016.
3. M.sarangapani,K.Swathi entitled "**Synthesis and Screening of New Indole Derivatives as Anticonvulsant Agents**", in 2nd International Conference and Exhibition on Pharmacology & Ethnopharmacology (Ethnopharmacology 2016) during May 02-04, 2016 at Chicago, USA.
4. M.sarangapani,K.Swathi "**Development of New Indole Derivatives by Using Green Chemistry Methods**", in International Conference on "Green & Sustainable Chemistry", organized by Elsevier, Berlin, Germany on 3-6 April 2016.
5. M.sarangapani,K.Swathi "**Synthesis and Characterization of Antihistaminic Activity of New Isatin Derivatives**", Abstract Book & Souvenir, International Conference on Emerging Biotechnologies organized by Department of Biotechnology, Kakatiya University, Warangal held on 28th to 30th January, 2016.
6. M.sarangapani,K.Swathi "**Synthesis and Evaluation of New isatin Schiff base derivatives as antimicrobial agents**", Abstract Book & Souvenir, International Conference on Emerging Biotechnologies organized by Department of Biotechnology, Kakatiya University, Warangal held on 28th to 30th January, 2016.
7. M.sarangapani,K.Swathi "**Synthesis and Evaluation of New Benzoxazole derivatives as antimicrobial agents**", Abstract Book & Souvenir, International Conference on Emerging Biotechnologies organized by Department of Biotechnology, Kakatiya University, Warangal held on 28th to 30th January ,2016.
8. M.sarangapani,K.Swathi "**Synthesis and Characterization and Antioxidant anti convulsant activity of 5-[2(3)-dialkylamino alkoxy] Indole 2-one, 3-semicarbazones**" in International

Conference on “Biochemistry , Nutrition & Pharmacy in Human Welfare: Recent trends and future challenges(ICBNP-2015)” organized by Department of Bio-Chemistry, University College of Science, O.U., Hyderabad held on 3-5th Sep 2015.

9. M.sarangapani,K.Swathi"**Synthesis And Antiepileptic Activity of Schiff's Bases of Dialkylamino Alkoxy Isatin Derivatives**", 1st World Congress on Geriatrics and Neurodegenerative Diseases Research (GeNeDis 2014), 10-13 April, 2014, Corfu, Greece.
10. M.sarangapani,K.Swathi"**Synthesis and Screening of Biologically Significant 5-Hydroxy Isatin Derivatives for Anti-oxidant Activity**", 1st World Congress on Geriatrics and Neurodegenerative Diseases Research (GeNeDis 2014), 10-13 April, 2014, Corfu, Greece.
11. M.sarangapani,K.Swathi "**Synthesis and Evaluation of Anticonvulsant Activity of 5-Hydroxy Isatin Derivatives**", Abstract Book & Souvenir, International Conference on Recent Advances in Drug Discovery organized by University College of Pharmaceutical Sciences, Kakatiya University, Warangal held on 22nd to 24th October 2010.
12. Shraavan Kumar Yamsani, Adukondalu Devandla, Vamshi Vishnu Yamsani, Ramesh Gannu, Shiva Kumar Ravula, Chinna Reddy Palem, D. Satish, Madhusudan Rao Yamsani* and SarangapaniManda.**Effect of ashwagandha and aloe vera pretreatment on intestinal transport of buspirone across rat intestine** AAPS 2010, Annual Meeting, November 14th-18th, 2010 at New Orleans, USA
13. M.sarangapani,K.Swathi "**Synthesis and Evaluation of Indole Derivatives for Antimicrobial and Anticancer Activities**" in International Symposium on Emerging Trends in Biomedical and Nanobiotechnology : Relevance to Human Health, organized by Department of Biotechnology and Department of Nanotechnology, Acharya Nagarjuna University, Guntur held on December 19-21, 2009.

14. M.sarangapani,K.Swathi **“Design of Novel Bioamplifier to Study the Electrical Activity of Neurons”** in International Symposium on Emerging Trends in Biomedical and Nano biotechnology: Relevance to Human Health, organized by Department of Biotechnology and Department of Nanotechnology, Acharya Nagarjuna University, Guntur held on December 19-21, 2009.
15. M.sarangapani,K.SwathiM.sarangapani,K.Swathi **“Synthesis, Characterization And Evaluation Of 5-[2(3)-Dialkylamino Alkoxy] Indole 2-One, 3-Thiosemicarbazones”** in AICTE Sponsored International Symposium on “Clinical Pharmacy Education: Sharing The U.S. Experiences organized by Gurunanak College of Pharmacy, Nagpur and Central India Pharmacy Promotion and Research Association held on 27-28th November 2009.
16. Y. Shravan Kumar, D. Adukondalu, R. Gannu, R. Shiva Kumar, M. Sarangapani, Y. Madhusudan Rao.**Effect of Silymarin and Pomegranate Juice on Intestinal Transport of Buspirone.**AAPS (American Association Of Pharmaceutical Scientist) 2008 held at Atlanta USA

National

1. M.sarangapani,K.Swathi**“Development of New Heterocyclic Compounds as CNS Acting Agents”** in One Day National Conference on Recent Advances in Organic Synthesis organized by Department of Chemistry, National Institute of Technology, Warangal held on 29 June 2016.
2. M.sarangapani,K.Swathi entitled **“Natural Plant Sources as Antiepileptic Agents”, in National Conference on “Plant Diversity: Challenges in Conservation And Sustainable Utilization”,** Organized by Kakatiya University, Warangal during 4th -6th February 2016.
3. M.sarangapani,K.Swathi**“Development of New Indole derivatives as anticancer agents”** in National Workshop and continuous Medical Education on “Clinical Immunology past & present”

organized by Department of Biotechnology, National Institute of Technology, Warangal held on 20-21st January 2016.

4. M.sarangapani,K.Swathi“**Development of Antiepileptic Novel Isatin Derivatives**” in National Conference on “Drug Discovery & Development” organized by, National Institute of Pharmaceutical Education and Research, Hyderabad held on 20-21st November 2015.
5. M.sarangapani,K.Swathi“**Screening of Antioxidant Antiinflammatory Novel Isatin Derivatives**” in National Conference on “Drug Discovery & Development” organized by, National Institute of Pharmaceutical Education and Research, Hyderabad held on 20-21st November 2015.
6. M.sarangapani,K.Swathi “**Development of new indole derivatives as anti cancer agents**”, Proceedings Education and Research (13th August), 2015 organized by Jayamukhi college of Pharmacy,Narsampeta, Warangal, Andhra Pradesh.
7. M.sarangapani,K.Swathi “**Evidence Based Pharmacy Education And Its Importance**”, Proceedings of 4th IPA Student Congress (Feb 18-19), 2012 organized by St. Peter's Institute of Pharmaceutical Sciences, Hanamkonda, Warangal, Andhra Pradesh.
8. M.sarangapani,K.Swathi “**Advanced Chromatographic Techniques And Its Applications**”, Proceedings of 4th IPA Student Congress (Feb 18-19), 2012 organized by St. Peter's Institute of Pharmaceutical Sciences, Hanamkonda, Warangal, Andhra Pradesh.
9. M.sarangapani,K.Swathi “**Spectrophotometric Methods in Modern Analytical Chemistry**”, Proceedings of 4th IPA Student Congress (Feb 18-19), 2012 organized by St. Peter's Institute of Pharmaceutical Sciences, Hanamkonda, Warangal, Andhra Pradesh.
10. M.sarangapani,K.Swathi “**Synthesis and Antibacterial Activity Screening of some New Isatin Hydrazone Derivatives**”, Proceedings of IPA Convention (19th& 20th February) 2011 organized by Indian Pharmaceutical Association, M.P.State Branch, Indore (M.P).
11. M.sarangapani,K.Swathi “**Design, Synthesis And Biological Evaluation of Benzpiazole Derivatives as Cyclooxygenase Inhibitors**”, proceedings of Scientific Abstracts, 62nd IPC 2010, organized by Manipal University, Manipal held on 17-19 December 2010.

12. M.sarangapani,K.Swathi “**The Importance of Chiral Chemistry in Asymmetric Synthesis and Drug Action**”, Souvenir & Abstracts, National Symposium on Insights Into Medicinal Chemistry in association with APTI, organized by Vaagdevi College of Pharmacy held on 21-23 August,2010.
13. M.sarangapani,K.Swathi “**Herbal Medicine for Diabetes**”, proceedings of DST Sponsored National Seminar on Emerging Trends In Biotechnological Applications In Plants – Indian Perspective, Organized by Department of Biotechnology, Chiatanya Postgraduate College, Warangal, 27-28th Mar 2010.
14. M.sarangapani,K.Swathi “**Production of Medicinal Drugs From Plant Tissue Culture Method**” , proceedings of DST Sponsored National Seminar on Emerging Trends In Biotechnological Applications In Plants – Indian Perspective, Organized by Department of Biotechnology, Chiatanya Postgraduate College, Warangal held on 27-28th March 2010..
15. M.sarangapani,K.SwathiA paper entitled “**Synthesis And Biological activity of 4-Aminobenzoic Acid (2-Oxo-1,2 Dihydro Indole-3-Ylidene)-Hydrazides**”, Proceedings of ICPPS & IPAC2010 Congress Chronicle , Chennai, 12-14th March, 2010
16. M.sarangapani,K.SwathiM.sarangapani,K.Swathi entitled “**Synthesis and Characterization of Antihistaminic Activity of 5-[2(3)-dialkylamino alkoxy] Indole 2,3-Diones**” in National Level Seminar on “Recent Advances In Pharmaceutical Research” organized by G.Pulla Reddy College of Pharmacy, Hyderabad held on 9-10th October 2009.
17. M.sarangapani,K.Swathi “**Synthesis, Characterization and Antibacterial Activity of 5-[2(3)-dialkylamino alkoxy] Indole 2, 3-Diones**” in AICTE Sponsored National Conference on “Emerging Trends In Pharmaceutical Sciences” Organized by MNR College of Pharmacy, Sangareddy held on 27-28th Feb 2009.
18. M.sarangapani,K.Swathi “**Microwave Irradiation Technique For The Synthesis Of 5-[2(3)-Dialkylamino Alkoxy] Indole 2, 3-Diones**” in UGC Sponsored National Seminar on “Environmentally Benign Synthetic Methodologies in Chemistry (EBSMC)” organized by

Department of Chemistry, University Arts & Science College, K.U., Warangal held on 9-10th February 2009.

19. M.sarangapani,K.Swathi“**Synthesis and Characterization and Anticonvulsant activity of 5-[2(3)-dialkylamino alkoxy] Indole 2-one, 3-semicarbazones**” in CSIR Sponsored National Conference on “Recent advances In chemical Research(NCRACR-2009)” organized by Department of Chemistry, University College of Science, O.U., Hyderabad held on 6-7th Feb2009.
20. M.sarangapani,K.Swathi“**Synthesis and Characterization of Biologically Significant, 5-[2(3)-dialkylamino alkoxy] Indole 2,3-diones**” in National Symposium on “Recent Trends In Organic and Medicinal Chemistry” organized by Department of Chemistry, National Institute of Technology, Warangal held on 16-17th January 2009.
21. Ravi.J, Sriram. R, Shoba.S and M.Sarangapani, **3D-QSAR and Molecular Docking Studies of 3,3'-(5,5'-methylene)bis(3-mercapto-4H-1,2,4-triazole-5,4-diyl))bis(azan-1-yl-1-ylidene)diindolin-2-ones as EGFR Inhibitors**” in UGC sponsored national seminar on “Recent trends& advances in pharmaceutical research” (RTAPR-2015) organized by Department of Chemistry& pharmaceutical sciences, Mahatma Gandhi University, Nalgonda held on 11-12th March 2015.
22. Ravi Jarapula Sriram Rekulapally and M.Sarangapani “**Insilico Molecular Docking Studies of New Bisatin Derivatives as EGFR Inhibitors**” in UGC sponsored national seminar on Recent advances in chemistry(RAC-2015) organized by Department of Chemistry, Kakatiya University, Warangal held on 30-31st March 2015.
23. Ravi Jarapula, Sriram Rekulapally and Sarangapani Manda “**In silico and in vitro studies of bis- isatins as anticancer agents**”, 67th Indian Pharmaceutical Congress,19 -21st December, 2015.(oral)
24. J.Venkateshwar Rao, K.Vijaya, S.Shoba Rani and M.Sarangapani, “**Development of new isatin-3-[N²-(benzimidazol/2-methylbenzimidazol-1-acetyl)] hydrazones**. 2nd International Symposium on Drug Discovery and Process Research (DDPR) 10-12 Feb.2006

25. D.Sridhar, M.Arjun, M.Jyothi, T.Ravi Prasad and M.Sarangapani. **Synthesis of 5-(benzimidazol-2-yl) benzoxazoles as new anti-inflammatory and cyclooxygenase inhibitors.** 2nd International Symposium on Drug Discovery and Process Research (DDPR) 49; Feb.2006
26. D.Sridhar, M.Jyothi, N.Sathyanarayana and M.Sarangapani. **“Development of new bezoxazol-5-carboxylic acid aryl amides as cyclooxygenase inhibitors.** 2nd International Symposium on Drug Discovery and Process Research (DDPR) 48-49 Feb.2006.
27. J.Venkateshwar Rao, A.Venkatesham, N.Raghunandan, B.Srinivas, G.Sammaiah and M.Sarangapani, **“Development of new isatin-3-[N²-(2-aralaminothiazol-4-yl)] hydrazones as antioxidant and cytotoxic agents”** National Seminar on Emerging Trends in the Synthetic Aspects of Medicinal Chemistry, 28 & 29th October, 2005.
28. J.Venkateshwar Rao, S. Bari, R.Anand Kumar and M.Sarangapani, **Development of new isatin-3-[N²-(2-N,N-dialkylaminomethylbenzoxazol-5-carbonyl)]hydrazones as new antidepressants,** 57th Indian Pharmaceutical Congress, 2-4th December, 2005.
29. A.Venkatesham, J.Venkateshwar Rao, S.Chandrasekhar, M.Sarangapani, and D.R.Krishna **“CNS activity of 2-(Dialkylaminoethyloxymethyl)[1,3,5]-oxadiazino[6,5-b]indoles,** 57th Indian Pharmaceutical Congress, 2-4th December, 2005.
30. M.sarangapani,K.Swathi**“ New Trends for Diagnosis and Treatment of Cancer”** in a Seminar on **“Role of Women Pharmacists in the Emerging Pharmaceutical Scenario”** organized by Sarojini Naidu Vanita Pharmacy Maha Vidyalaya, Hyderabad held on 27th March 2005.
31. J.Venkateshar Rao, N.Raghunandan, M.R.Baig and M.Sarangapani, **“Development of new isatin-3[N²-(3-arylideneimino-4-ydroxybenzoyl)] hydrazones as antioxidant and cytotoxic agents,** 10th APTI National Convention, 17-18th October 2005 Best Poster Presentation.
32. Sanjay Kumar Bari, B. Srinivas, G.Sammaiah, A.Venkatesham, N.Raghunandan, J.Venkateshwar Rao, B.Gopalkrishna and M.Sarangapani **“Development of New isatin Hydrazones as cytotoxic agents 56th Indian Pharmaceutical Congress,** 3rd –5th December, 2004 Kolkata.

33. J.Venkateshwar Rao, Sanjay Kumar Bari, B.Srinivas, G.Sammaiah, A.Venkatesham, N.Raghunandan, B.Gopalkrishna and M.Sarangapani **“Synthesis of new Indole derivatives as cytotoxic agents”** 56th Indian Pharmaceutical Congress, 3rd–5th December, 2004 Kolkata.
34. M.Sarangapani, J.Venkateshwar Rao, A. Venkatesham, S.Shobha Rani, K.Suresh Kumar and G.Sammaiah **“Development of new Isatin-3-[N²-(2-mercaptobenzoxazol-5-carbonyl)] hydrazones as cytotoxic agents”** 56th Indian Pharmaceutical Congress, 3rd – 5th December, 2004 Kolkata.
35. N.Raghunandan, J.Venkateshwar Rao, A.Venkatesham, B.Srinivas, G.Sammaiah and M.Sarangapani **“Synthesis and evaluation of novel 1-N-substituted-3-[(3-phenyl quinazolin-4-(3H)-onyl)methylene]indolin-2-ones** for anticancer activity 56th Indian Pharmaceutical Congress, 3rd – 5th December, 2004 Kolkata.
36. N.Raghunandan, J.Venkateshar Rao, M.Aruna Devi and M.Sarangapani **Synthesis and CNS activity of 1-N-substituted –3-[(3-phenylquinazolin-4(3H)-oxo-2yl)methylene]indolin-2-ones**, Symposium on Emerging trends and Developments in Chemistry, University Arts and Science College, Kakatiya University, 16 & 17th, December, 2003.
37. B.Gopalkrishna, N.Raghunandan, J.Venkateswar Rao, A.Venkatesham and M.Sarangapani **“Synthesis and CNS activity of 5-(2-substituted benzoxazol-5yl)-3-(N,N-disubstituted amino methyl)1,3,4-oxadiazolin-thiones**, 56th Indian Pharmaceutical Congress, Chennai.