



Prof. M Thirumala Chary

M.Sc;Ph.D

Professor of Emeritus

1) Member of International Society of Heterocyclic Chemistry (ISHC) 2) Member of Indian Society for Technical Education (ISTE) 3)Member of Indian Association for Chemistry Teachers (IAC) 4) Member of Press Council of India (PCI)

Chemistry

Areas of Interest:

- Environmentally benign synthesis of heterocyclic moieties.
- Synthesis and antimicrobial ability of 1, 8 -Naphthyridines.
- Synthesis and biological assay of Quinoxaline derivatives

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-> Educational & Professional

-> Academic Qualifications

- > PGDCMP in Computr Programming, APPC with First (1995-1994)

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Ph.D in Heterocyclic Chemistry, Kakatiya University (1986-1991)

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M.Sc in Organic Chemistry, Kakatiya University with First (1982-1984)

-> Professional Experience

-> Teaching Experience

- > Associate Professor, KITS, Warangal (03-12-2016 - 16-12-2005)
- > Senior Lecturer, KITS, Warangal (2000 - 15-12-2005)
- > Lecturer, KITS, Warangal (03-12-1995 - 09-12-2000)
- > Lecturer, KITS, Ramtek (03-12-1988 - 07-12-1995)

-> At JNTUH

- > Professor, JNTUH, Hyderabad (2010 - Till Date)

-> Books

- > Dr.B.Rama Devi, Dr.M.Thirumala Chary, *College Practical Chemistry(B.Tech)*, Cengage Learning, 2016
- > Dr.M.Thirumala Chary, *Text Book of Engineering 3rd Edition*, Scitech publications, Chennai, 2016
- > Dr.M.Thirumala Chary, *Text book of Engineering*, Scitech publication, Chennai, 2012

-> Publications

1. Haripriya, M. **Laxminarayana Chary**, E. Laxminarayana, Synthesis and Antibacterial Activity of Some New Quinoxaline-Benzohydrazides, Vol No.55B(2), pp.207-216, 2016

2. Ranadheer Kumar M, Laxminarayana E, Vasudha M, Thirumala Chary M, A facile synthesis of 6-chloro-2-methoxy-7-(trifluoromethyl)imidazo[1,5-a]pyrido[3,2-e]pyrazine, Ultra Chemistry , Vol No.12(2), pp.35-37, 2016

3. Hemalatha Kotakommula, Haripriya Badapalli, Laxminarayana Eppakayala, Thirumala Chary Maringanti, An efficient synthesis of (5-(3-hydroxyquinoxalin-2-yl)-1,3,4-thiadiazol-2-yl)benzamides and (3-(3-hydroxyquinoxalin-2-yl)-5-mercapto-4H-1,2,4-triazol-4-yl)(aryl)methanones, International Journal of Chemical Sciences, Vol No.14(4), pp.2265-2272, 2016

4. E.Laxminarayana, G. Venkatasatyanarayana, V. Lakshmana Rao, **M. Thirumala Chary**, B. Balram , E. Laxminarayana, Synthesis and Biological Evaluation of 4-(4-hlorophenyl)cyclohexanecarboxylic acid Derivatives as Anti-Bacterial Agents, Asian Journal Chemistry, Vol No.22 (6), pp.2267, 2015

5. Karnaji Harkala, Laxminarayana Eppakayala, Thirumala Chary Maringanti, An efficient synthesis of N-(tert-butylsulfinyl)imines devoid of catalyst, Journal of Ultra Chemistry , Vol No.11(1), pp.19, 2015

6. Rajanikanth Mamidala , Surendra Damerla, Rambabu Gundla, Thirumala Chary Maringanti, Subhabrata Sen, Pyrrolidine and piperidine based chiral spiro and fused scaffolds via build/couple/pair approach, RSC Adv., Vol No.XX, pp.1-8, 2014

7. Narendar Atmakuri, Laxminarayana Eppakayala, Thirumala Chary Magnti, A Simple and efficient protocol for the synthesis of 1,8-Naphthyridines using sodium hydrogensulfate on silica gel under solvent free condition., Indian Journal of Heterocyclic Chemistry, Vol No.23, pp.239, 2014

8. Karnaji Harkala, Laxminarayana Eppakayala, Thirumala Chary Maringanti, Synthesis and biological evaluation of benzimidazole Linked 1,2,3-triazole congeners as agents, Organic and Medicinal Chemistry Letters , Vol No.4, pp.14, 2014

9. Mallaiiah Bucha, Giri Tharikoppula, Laxminarayana Eppakayala, Thirumala Chary Maringanti , Shashikala Kethireddy, Synthesis of 2-cyclopropyl-3-(5-aryl-1H-pyrazol-3-yl)-1,8-naphthyridine and derivatives, Organic and Medicinal Chemistry Letters , Vol No.4:14, 2014

10. G.Venkata Satyanarayana, V.Lakshmana Rao, **M. Thirumala Chary**, B.Ram, B. Balram , Synthesis and Antimicrobial Activity of Novel Hydrazone Derivatives of 4-(4-chlorophenyl)cyclohexanecarboxylic acid, Journal of Applicable Chemistry, Vol No.3 (3), pp.1232-1238, 2014

11. Mallaiiah Bucha , Giri Tharikoppula, Laxminarayana Eppakayala, Thirumala Chary Maringanti, Shashikala Kethireddy, Synthesis of 2-cyclopropyl-3-(5-aryl-1H-pyrazol-3-yl)-1,8-naphthyridine and derivatives, Organic and Medicinal Chemistry Letters , Vol No.4:16, 2014

12. K. Susmitha, **M. Thirumala Chary**, T. Vinod Kumar, G. Venkateswarlu, Spectrophotometric determination of imipramine HCl in pure and pharmaceutical forms, Der Pharma Chemica, Vol No.5(3), pp.271-279, 2013

13. A. Narendar, E. Laxminarayana, T. Kranthi Kumar, M. Thirumala Chary, A facile synthesis of N-(2-Cyclopropyl- [1,8]naphthyridine-3-carbonyl)-guanidine and 4-(2-Cyclopropyl-[1,8]naphthyridin-3-yl)-6-aryl-[1,3,5]triazin-2-ylamine., Journal of Chemical Sciences, Photon , Vol No. 107 , pp.206-208, 2013

14. K.Susmitha, M.ThirumalaChary, G.Venkateswarlu, Spectrophotometric determination of Bromhexine HCl in pure and pharmaceutical forms., ISRN Analytical Chemistry, Vol No.Article ID 861851, 2013

15. SubbaSubhabrata Sen, Rajanikanth mamidala, Rambabu Gundala, M.T.Chary, Diversity oriented synthesis of Macrocylic diaryl ethers by Dotz benzannulation, Asian J. Org. Chem, Vol No.10, 2013

16. Narendar Atmakuri, Laxminarayana Eppakayala, Thirumala Chary Maringanti, Synthesis and biological evaluation of some novel 2-aryl-pyran-4-ones of 1,8- naphthyridin and its derivatives., World J. of Pharm and Pharma Sci. , Vol No.5 (2), pp.3929-3945, 2013

17. Anantouji Kishore Kumar, Tharikoppula Giri, Eppakayala Laxminarayana, Maringanti Thirumala Chary, A facile synthesis of Methyl-2-(N-ethyl-N-phenylamino)naphthyridine-3-carboxylates, International Journal of Chemical and Analytical Science , Vol No.4, pp.146-148, 2013

18. K. Susmitha, M. Thirumala Chary, T.Charan Singh, G. Venkateswarlu, Spectrophotometric determination of Amitriptyline HCl in pure and pharmaceutical forms., J. Chil. Chem. Soc., Vol No.58, pp.1986-1991, 2013

19. T. Sreekanth, M.Tirumala Chary, U. V. Subba Rao, Study of Characterization and Transport Properties of (PEO + NaClO3) Polymer Electolyte., Journal of Trends in Chemistry, Vol No.Vol3, 1, , pp.1-5, 2012

20. Laxminarayana E, Shivashankar S , Thirumala Chary M., A novel synthesis of tert-butyl 2-methyl-1, 8-naphthyridine-3-carboxylates, J Trends Chem, Vol No.2(1), pp.6-8, 2011

21. K. Susmitha, **M. Thirumala Chary**, G. Venkateswarlu , Assay of dicyclomine hydrochloride in pharmaceutical formulations by extractive spectrophotometry, Int. J. Chem. Sci., Vol No.9(3), pp.1353-1363, 2011

22. M.Ranadheer Kumar, E.Laxminarayana, B.Srinivasulu, M.Thirumala Chary, Synthesis and antimicrobial activity of 5, 6-dihydro-3-arylnaphtho[1,2-b] [1,8]-naphthyridine and their derivatives., Int. J. Chem. Sci., Vol No.8(4), pp.2120-2126, 2010

23. M. Ranadheer kumar, E. Laxminarayana, B. Sreenivasulu, **M. Thirumala chary**, A facile synthesis of 2-chloro-1,8-naphthyridine-3-carbaldehyde; their transformation into different functionalities and antimicrobial activity., Int. J. Chem. Sci, Vol No.8(4), pp.2025-2036, 2010

24. E.Laxminarayana, Ranadheer Kumar , M.Thirumala Chary, Synthesis of 7-[4-(4-(6-Phenyl pyrimidin-4-yl-amino) phenyl)-6-arylpyrimidine-2- thio -2-yl]-amino-4-methyl-1,8-naphthyridin-2-ols as antibacterial activity, Int.J. ChemTech Res., Vol No.2(4), pp.1980-1986, 2010

25. Thirupathiah T, Kranthi kumar T, Laxminarayana E, M.Thirumala Chary, Synthesis of N'-arylidenequinoxaline-2-carbohydrazides, 3-Benzyl-5-(quinoxalin-3-yl)-1,3,4-oxadiazole-2(3H)-thiones and 1-(2-Aryl-5-(quinoxalin-3-yl)-1,3,4-oxadiazol-3(2H)-yl)ethanones, Int.J. ChemTech Res, Vol No.2(4), pp.1987-1991, 2010

26. E. Laxminarayana, Randheer Kumar M., A. Singara Charya , M.Thirumala Chary , Decolourisation and biodegradation of sulphonated azo dyes by fungi to clean dye contaminated soil environments, J Nat Env Sci , Vol No.1(1), pp.35-42, 2010

27. M. Thirumala Chary , E. Laxminarayana, Nikhat Kousar , M.A.Singara Charya, Bioremediation of dye contaminated soils by using fungi, Trends soil sci plant Nutri J, Vol No.1(1), pp.1-6, 2010

28. E.Laxminarayana, Kranthi Kumar, D.Ramesh, M.Thirumala Chary, Antibacterial activity of some novel 1,8-naphthyridine containing thiazolidinones, ?-lactam and 2,4-dihydroxy compounds, Organic Chemistry, Vol No.6, pp.4, 2010

29. E.Laxminarayana, M.Ranadheer Kuma, D.Ramesh , M.Thirumala Chary, A study on antimicrobial activity of 1,8-naphthyridines containing triazinanes, oxadiazin ones, pyrazolyl and substituted pyrimidines, Organic Chemistry, Vol No.6, pp.4, 2010

30. M.Ranadheer Kumar, E.Laxminarayana, D.Ramesh, M.Thirumala Chary, A facile synthesis of 2-chloro-1,8-naphthyridine-3-carbaldehyde:their transformation into different functionalities and antimicrobial activity., Int J. Chem. Sci., Vol No.8(4), pp.2025-2036, 2010

31. Thirupathiah T, Kranthi kumar T, Laxminarayana E , Thirumala Chary M, Synthesis of NA6â€, -â€, â€-arylidenequinoxaline-2-carbohydrazides,3-benzyl-5-(quinoxalin-3-yl)-1,3,4-oxadiazole-2(3H)-thiones and 1,2-aryl-5-(quinoxalin-3-yl)-1,3,4-oxadiazol-3- (2H)yl) ethanones, Int J.Chem Tech Res, Vol No.2(4), pp.1987-1991, 2010

32. Thirupathiah T, Kranthi kumar T, Laxminarayana E , Thirumala Chary M, Synthesis of N6â€TM-arylidenequinoxaline-2-carbohydrazides,3-benzyl-5-(quinoxalin-3-yl)-1,3,4-oxadiazole-2(3H)-thiones and 1,2-aryl-5-(quinoxalin-3-yl)-1,3,4-oxadiazol-3- (2H)yl) ethanones., Int J.Chem Tech Res, Vol No.2(4), pp.1987-1991, 2010

33. M.Randheer Kumar, E.Laxminarayana, D.Ramesh , M.Thirumala Chary, Synthesis and antimicrobial activity of 5,6-dihydro-3-arylnaphtho[1,2-b][1,8]-naphthyridine and their derivatives, Int. J. Chem Sci, Vol No.8(4), pp.2120-2126, 2010

34. E.Laxminarayana, M.Randheer Kumar, D.Ramesh , M.Thirumala Chary, Synthesis of 7-[4-(4-(6-phenyl pyrimidin-4-yl-amino)phenyl)-6-arylpyrimidine-2-thio-2-yl]-amino-4-methyl-1,8-naphthyridin-2-ols as antibacterial agents, Int J.Chem Tech Res, Vol No.2(4), pp.1981-1986, 2010

35. E.Laxminarayana, T.Kranthi kumar , M.Thirumala Chary , Synthesis of ionic liquid crystal materials of 3,4-dihydro-3-pyridyl-2H-naphtho[2,1-e][1,3]oxazine derivatives, Int J. Chem Sci, Vol No.8(4), pp.2367-2372, 2010

36. S.Shiva Shankar, E.Laxminarayana, M.Thirumala Chary, Synthesis of 5-(2-methoxy-1,8-naphthyridin-3-yl)-4-aryl-4H-1,2,4-triazole-3-thiols & 5-(2-methoxy-1,8-naphthyridin-3-yl)-N-aryl-1,3,4-thiadiazol-2-amines, Int J.Chem Sci., Vol No.8(4), pp.2533-2541, 2010

37. E.Laxminarayana, A. Narendar, M.Ranadheer Kumar , E.Laxminarayana, Synthesis and microbial activity of Pyrazole derivatives of 2-Cyclopropyl-1,8- naphthyridines., Asian J.of Chemistry , Vol No.21(9), pp.6885-6903, 2009

38. E.Laxminarayana, M.Thirumala Chary, Microwave assisted synthesis of some 2,4-dihydroxy 1,8- naphthyridines and their derivatives devoid of solvent and catalyst, Heterocyclic communications, Vol No.15(1), pp.35-41, 2009

39. M.Thirumala chary, E. Laxminarayana, S. Shiva Shankar, Synthesis of 3-chloro-1-(2-chloro-1,8-naphthyridin-7-yl)-4-arylazetidin-2- ones and 3-(2-chloro-1,8-naphthyridine-7-yl)-2-arylthiazolidin-4-ones from 7-chloro-1,8- n

National Journals

- > Venkatasatyanarayana, G Lakshmana Rao, Thirumala Chary. M, Laxminarayana. E, *Synthesis, Characterization and Antimicrobial Evaluation of (E)-4-(substitutedphenyl)-N'-(1-phenylethylidene) cyclohexanecarbohydrazide Derivatives*, Indian Journal of Chemistry , Vol No.Sec B, Issue No.55B(6), pp.718, 2016
- > T. Thirupathiah, M. Thirumala Chary, E. Laxminarayana, *An efficient synthesis of 1-(Quinoxalin-6-yl)-1H-1,2,3-triazole-4-carboxylic acid*, Indian Journal of Chemistry, Vol No.Sec-B, Issue No.55B(6), pp.761, 2016
- > V.Haripriya, E Laxminarayana , M Thirumala Chary, *A facile synthesis of 3-hydroxy-N-(4-oxo-2-arylthiazolidin-3-yl)quinoxaline-2- carboxamides and N-(3-chloro-2-oxo-4-arylazetid-1-yl)-3-hydroxyquinoxaline-2- carboxamides*, Indian Journal of Chemistry, Vol No.Sec B , 53(B) 9, pp.1222-1225, 2014
- > B. Malliah, E. Laxminarayana, T. Giri ,**M. Thirumala Chary**, *A facile synthesis of 3-(5-Chloro-1-phenyl-1H-benzo[d]imidazol-2(3H)-ylideneamino)-2-arylthiazolidin-4-ones, 3-Aryl-[1,2,4]triazino[4,3-a]-5-Substitutedbenzimidazol-4-ones and 1-(5-chloro-1-phenyl-1H-benzo[d]imidazol-2(3H)-ylideneamino)-3-chloro-4-arylazetid-2-ones*, Indian Journal of Heterocyclic Chemistry, Vol No.24, pp.181, 2014
- > T.Giri, E.Laxminarayana, B. Malliah , M.Thirumala Chary, *A facile synthesis of 3-substituted -1-(3-chloro-4-(1H-pyrrolo-1-yl) benzenamine sulphonyl) methyl) benzenes*, Indian Journal of Heterocyclic Chemistry, Vol No.22 (2), pp.415-416, 2013
- > B. Malliah, E.Laxminarayana, S. Shivashankar, M.Thirumala Chary, *Synthesis of oxadiazolo and triazoloderivatives of 1,8-naphthyridine by conventional and ecofriendly methods and evaluation of their antibacterial activity.*, Indian Journal of Heterocyclic Chemistry, Vol No.22 (2), pp.333-336, 2013
- > T. Kranthi Kumar, T.Thirupathiah, E. Laxminarayana, M.Thirumala Chary, *An efficient and clean synthesis of 2-(5-substituted-7-phenyl-[1,2,4]triazolo[4,3- f]pyrimidin-3-yl) quinoxalines*, Der Pharme Chem , Vol No.3(1), pp.453, 2011
- > M. Randheer Kumar, S. Shiva Shankar, E. Laxminarayana , M.Thirumala Chary, *Synthesis of (2-Methyl-1,8-naphthyridin-3-yl)(4-methyl-3-arylpyrazolo[3,4-c]pyrazol- 6 (2H)-yl) methanone*, Der Pharme Chem , Vol No.3(1), pp.434, 2011
- > M. Randheer Kumar, S. Shiva Shankar, E. Laxminarayana , M.Thirumala Chary, *Synthesis of (2-Methyl-1,8-naphthyridin-3-yl)(4-methyl-3-arylpyrazolo[3,4-c]pyrazol- 6 (2H)-yl) methanone*, Der Pharme Chem , Vol No.3(1), pp.434, 2011
- > E.Laxminarayana, T.Kranthi kumar, S.Shiva Shankar, M.Thirumala Chary, *An efficient and clean synthesis of N-aryl-6-hydroxy-2-methylpyrimidine-4-carbohydrazides*, Der Pharme Chem, Vol No.3(3), pp.149-152, 2011
- > M. Randheer Kumar, A. Narender, E. Laxminarayana ,**M. Thirumala Chary**, *Winder bromide reaction: Synthesis of 2-Methoxy-3-(3-phenyl-1H-pyrazol-5-yl)-1,8-naphthyridine and derivatives*, Indian Journal of Heterocyclic Chemistry, Vol No.20, pp.205-208, 2011
- > M Thirumala Chary , D Ramesh, E Laxminarayana, B Sreenivasulu, *Synthesis and microbial activity of 1-alkyl and aryl-3-(2-methyl-1,8-naphthyridin-3-yl)ureas.*, Indian Journal of Chemistry , Vol No.Sec.B, 49(B), pp.1271-1273, 2010
- > S.Shiva Shankar, E. Laxminarayana , M.Thirumala Chary, *Synthesis of 1-(4-((1H-tetrazol-5-yl)methoxy)-2-methyl-1,8-naphthyridin-7-yl)-3- chloro-4-arylazetid-2-ones.*, Chemistry- an Indian Journal , Vol No.5, pp.2, 2010
- > Shivashankar S, Laxminarayana E, Randheer Kumar M , Thirumala Chary M, *Ecofriendly synthesis of 3,4-dihydro-5-methyl-3-phenyl-2h-[1,3]oxazino[5,6-c][1,8]-naphthyridine and derivatives.*, Chemistry- an Indian Journal, Vol No.5, pp.2, 2010
- > M.Thirumala chary, S.Shivashankar, E.Laxminarayana, B.Srinivasulu , *Synthesis and antimicrobial activity of some 3-substituted naphthyridines*, Indian Journal of Heterocyclic chem., Vol No.18, pp.341-344, 2009
- > Thirumala Chary, K.Mogilaiah, B.Sreenivasulu, 6. *Substituted 1,8-naphthyridines , part xiii : synthesis antibacterial activity of some Aromatic acids, 1-(2-methyl-1,8-naphthyridin-3-yl)ethylidene hydrazides*, Vol No.26, pp.20-22, 1990
- > M.Thirumala Chary, K.Mogilaiah, B.Sreenivasulu , 7. *Synthesis of 2-methyl-3-(5-aryl-1,3,4-oxadiazol-2-yl)-1,8-naphthyridines*, J. Indian Chem Soc. , Vol No.67, pp.691-693, 1990
- > 1)M.Thirumala Chary, 2)K.Mogilaiah, 3)B.Sreenivasulu , 5. *Synthesis of 2-(2-amino-3-pyridyl)-3-substituted benzylaminothiazolidinones*, J. Indian chem .soc , Vol No.66, pp.61-63, 1989
- > M.Thirumala Chary, K.Mogilaiah, B.Sreenivasulu, 3. *Substituted 1,8-naphthyridines part V : Synthesis of 2-(1,8-naphthyridin-2-yl)-4-arylazo-1-naphthols*, J.Indian Chem Soc. , Vol No.64, pp.488, 1987
- > Thirumala Chary, K.Mogilaiah, B.Sreenivasulu, 4. *Laboratory evaluation of 2-(1,8-naphthyridin-2-yl)-4-arylazo- 1-naphthols against some phytopathogenic fungi*, Biome , Vol No.2(2), pp.77-79, 1987
- > M.Randheer kumar, A. Narender, M.Thirumala chary, 21. *Synthesis of 1-(3,5-dimethyl-2-[1,8]-naphthyridin-2-yl-phenyl)-3-phenyl-urea derivatives*, Indian Journal of heterocyclic Chemistry
- > E.Laxminarayana, s.Shiva Shankar, D.Ramesh, M.Thirumala Chary, *A study on antibacterial activity of substituted 1,8-naphthyridines containing carbaldehydes, methylene hydrazines, thiadiazol amines and triazole thiols*, Journal of Bio-technolog
- > Laxminarayana E, Narender A, Shiva Shankar S, Thirumala Chary M, *Synthesis of 7-[(4-(4-(4,5-dihydro-5-aryl-1H-pyrazol-3-yl)phenyl)-6-phenylpyrimidin-4-yl-amino)-2-yl]-amino-4-methyl-1,8-naphthyridin-2-ols and 7-[4-(4-(6-phenylpyrimidin-4-yl-amino)phenyl)-6-arylpyrimidine-2-thio-2-yl]-amino-4-methyl-1,8-naphthyridin-2-ols as antibacterial agents.*, Indian Journal of Chemistry , Vol No.Sec-B
- > M.Tirumala Chary, A. Narender, 52. *Silica Sulfuric Acid Catalysed Synthesis of 1,8-Naphthyridines in the solid state Under Microwave Irradiation.*, an Indian Journal
- > K. Susmitha,**M. Thirumala Chary**, G. Venkateshwarlu, *Spectrophotometric determination of certain CNS stimulants via Charge transfer complexation and oxidation reactions*, Indian Journal of Chemical Technology
- > **Events Participated/Organized**

- Organized

- > Organized a Conference on International Conference on Recent advances in Chemistry and Chemical Engineering ICRAACE-2016, Hyderabad, 11-07-2016 to 13-07-2016

->Teaching

- > Applied Chemistry in Chemical Engineering I Semester (2015)
- > Organic Spectroscopy in M.SC Chemistry III (2015)
- > Spectroscopy lab in M.SC Chemistry IV (2016)
- > Phot Chemistry & Perycyclic reactions in M.Sc IV (2016)
- > Organic Spectroscopy in Ph.D Course work Ph.D Course work (2016)
- > Organic Chemistry in B.Tech 2nd Year Chemical Engineering II Semester (2016)
- > Applied Chemistry Lab in Section (A1) I Semester (2016)
- > Organic Chemistry in M.SC Chemistry I Semester (2016)
- > Applied Chemistry in Mechanical Engineering I Semester (2016)

-> Administrative Positions Held

- > Chairman, CRC B.Tech I Year, JNTUH College of Engineering, Hyderabad, 18 Aug 2015 - Present
- > Head, JNTUH College of Engineering, Hyderabad, 15 Nov 2016 - Present
- > Chairman, Board of Studies in Chemistry, Jawaharlal Nehru Technological University Hyderabad, 05 Oct 2012 - 31 Oct 2014
- > Principal, JNTU College of Engineering, Jagityal, 13 Sep 2012 - 15 May 2015
- > Vice-Principal, JNTU College of Engineering, Jagityal, 31 Jul 2010 - 12 Sep 2012

-> **Project/Research Guidance**

- **Students**

Student Name	Title	Year	Download
A.Mounika	Synthesis of N ⁴ -(4-chlorobenzylidene)-3-hydroxyquinoxaline-2-carbohydrazide and 3-(5-(4-chlorophenyl)-1,3,4-oxadiazol-2-yl)quinoxalin-2-ol	2016	
A.GAYATHRI	Synthesis of 1-(3-hydroxyquinoxaline-2-carbonyl)-3-methyl-1H-Pyrazol-5(4H)-one	2016	
M.Mounika	Synthesis of 3-Hydroxyquinoxaline-2-carbophydrazide and 3-(5-amine-1,3,4-oxadiazol-2-yl)quinoxalin-2-ol	2016	
Ch.Karuna	Synthesis of ethyl 3-((1H-tetrazol-5-yl)methoxy) quinoxaline-2-carboxylate	2016	
Student Name	Title	Year	Download
A. Narender	Synthesis and antimicrobial activity of 1,8-Naphthyridines	2016	
E. Laxminarayana	Synthesis and antimicrobial activity of 1,8-Naphthyridine and its derivatives	2015	
S. Shiva Shankar	Synthesis and antimicrobial activity of substituted 1,8-Naphthyridines	2015	
M. Ranadheer Kumar	Synthesis and antimicrobial assay of some new 1,8-Naphthyridine	2015	
G V Satyanarayana	Synthesis, Characterization and antimicrobial evaluation of Hydrazide, Hydrazone Derivatives and Synthesis of certain related substances of Active Pharmaceutical Ingredients.	2015	
K. Sushmitha	Quantitative determination of drugs and pharmaceuticals and pesticides: A spectrophotometric study	2015	
V Haripriya	Synthesis and antimicrobial assay of some new substituted derivatives of Quinoxalines	0	
T. Thirupathaiah	Synthesis and antimicrobial activity of Quinoxaline derivatives	0	
K. Srivani	Synthesis and antimicrobial activity of nitrogen containing heterocyclic compounds.	0	
K Shashikala	Synthesis, characterization and antibacterial activity of quinoxalines, Imidazo pyrimidines and pyrido pyrazines	0	
G Vijay Bhaskar	Synthesis and antimicrobial activity of 1,7-Naphthyridines	0	
A Kishore Kumar	Environmentally benign synthesis and biological assay of Pyrimidine and Indole derivatives	0	
T Rajani Devi	Synthesis antimicrobial activity of substituted Quinoxaline derivatives	0	
M Rajesh	New synthetic routes for Active Phamra Ingredients (APIs [®])	0	
N Madhava Rao	New synthetic routes for Active Phamra Ingredients	0	
M Rajinikanth	Diversity Oriented Synthesis and Scaffold hopping Strategies towards the biologically active heterocycles	0	
K Y Kiran kumar	Development of analytical methods for pharmaceuticals with QBD approach	0	
G. Kiran	Novel synthesis of the heterocyclic compounds	0	

-> **Countries/Foreign Universities**

-> St. John's, Labrador, Canada , 03-07-2016 to 03-08-2016 Presented a paper in "International Congress on Heterocyclic Chemistry"

Contact :

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Chemistry

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