

Dr. D. VISAGAPERUMAL

M.Pharm. (Pharmaceutical Chemistry), Ph.D. (Pharmacy)

17 years of Academic Experience

chemistryvishak@gmail.com

To be part of an organization, where my knowledge and skill is utilized for the development of the organization where I belong.

My area of specialization are synthesis/isolation, characterization, biological screening for the active constituents.

Area of Expertize: (Subject Handled)

Medicinal Chemistry, Pharmaceutical Inorganic Chemistry, Instrumental and Biomedical analysis, Chemistry of Natural Products, Pharmaceutical Analysis, Modern Pharmaceutical Analysis.

ACHIVEMENTS:

- Received the certificate of appreciation for the district level “Best NSS Unit for well-organized Special camp” for the year 2011-2012 from JNTU Kakinada during University 4th Formation day in the year 2012.
- Guided for under graduate pharmacy students on their project work (45 students).
- Guided for post graduate pharmacy students on their project work (28 students).

PROFESSIONAL CONTRIBUTION

1. Editorial Board member of International Journal for Pharmaceutical Research Scholars (IJPRS), [Scholars Academic Journal of Pharmacy \(SAJP\)](#), [SCIREA Journal of Chemistry](#).
2. Advisory Board member of Journal of Harmonized research.
3. Reviewer of Journal of Pharmacy Research (JPR), Medicinal Chemistry Research, International Journal of Pharmacy and Pharmaceutical Sciences, Pubicon International Publications, International Journal of Pharmaceutical Archive, Jopurnal of Pharmacy and Nutrition sciences, IAR Journal of Pharmacy, etc.,

FUNDING PROJECT HANDLED

- **Funding authority** – Rajiv Gandhi University of Health Sciences

Title - “**Synthesis and antitubercular activity of certain novel [1,3,4]thiadiazolo[2',3':2,3]imidazol[4,5-*b*]quinoxaline**”. Role:Co-investigator (with Principal investigator Dr.VineethChandy). (Order No:RGU/ADV.RES/BR/001/2017-18 Dated on 21.12.2017)

Status – Rs.3,50,000.

- **Funding authority** – Rajiv Gandhi University of Health Sciences

Title - “**Screening for Anticancer alkaloids in Ascidians-A Marine Invertebrate**”. Role:Co-investigator (Principal investigator Dr.K.Natarajan). (Order No:RGU/ADV.RES/BR/001/2017-18 Dated on 21.12.2017).

Status – Rs.2,50,000

FACULTY DEVELOPMENT PROGRAM ATTENDED

- Staff Development Programme conducted at Bapatla College of pharmacy, Bapatla, Sponsored by AICTE, New Delhi. Titled "**Recent advances in design and development of modified release drug delivery system**". from 16-28 August 2009.
- Faculty development program on “Current activities and future perspectives in Pharmaceutical Chemistry Research and Development” sponsored by AICTE, New Delhi conducted in Hindu College of Pharmacy on 20th April to 4th May 2013. .
- Participated the PCI sponsored FDP on “**Continuing Education Program for Pharmacy teachers**” held during September 6-8, 2018 organised by **Acharya & BM Reddy college of Pharmacy, Bengaluru**.
- Participated in Infection Prevention and Control (IPC) for “**Novel Coronavirus (COVID-19)**” organized by WHO on 5th April 2020.
- Certified for attending the “**nCOVID-19 Awareness and Prevention Program**” conducted by Apollo Medskills on 15th April 2020.
- One week online-International faculty development program on “**Pharmaceutical Education and Research**” held during 13th-18th May 2020 organised by Bapatla College of Pharmacy, Andhrapradesh.
- Attended 3-day International FDP from 23rd May to 25th May 2020 on “**Quality by Design**” organized by Innovation Cell of Bapatla College of Pharmacy in association with IPA Education Division.

- Participated at the “**Practical Method Development Strategies for the Analysis of Monoclonal Antibodies by Reversed Phase HPLC-APAC**” by Phenomenex on 02 June 2020.
- Participated in “**Pepping Tomorrow’s Teachers**” on 06 June 2020 conducted jointly with PCI, APTI and KLE Academy of Higher Education and research.
- Participated in one week International eFTP/STP on “**Drug Research Evolution and Practice (DREAP)**” in association with Acharya Nagarjuna University College of Pharmaceutical Sciences was conducted by department of Pharmaceutical Chemistry, Hindu College of Pharmacy from 01st to 06th July 2020.

Short course completion:

- Successfully completed a NSS orientation/refresher course organized from 3/3/12 to 8/3/12 by the **University Training and Orientation Centre (UTOC)**, Andhra University, Visakhapatnam at JNTU Kakinada region.
- Successfully completed a Short Course in **Education Methodology** in the ninth cohort from January 2017 to April 2017 Organized with collaboration of Rajiv Gandhi University of Health Sciences and APTI.
- Completed a course on 2nd April 2020 on How to become an online teacher from Amity University.
- Completed a Module on 15th April 2020 on Discover how metrics can boost funding and networking opportunities from Elsevier.
- Completed a Module on 26th April 2020 on Let’s break the chain of COVID-19 Infection from UAE AID.

RESEARCH PAPERS COMMUNICATED AND PUBLISHED:

International journals

1. **D.Visagaperumal**, P.Senthilkumar, M.Sugumaran, R.Jayakumar. Synthesis & antimicrobial activity of 2-substituted-5-nitro benzimidazole. ActaCienciaIndica, 2008, Vol.XXXIV, No.1, 53-55; Indian science abstract, 2009, 45(21), 020621.ISSN – 0253 – 7338.
2. **D.Visagaperumal**, R.Jayakumar, R.Vijayaraj, K.Anbalagan. Microwave induced synthesis of some of some new 3-substituted-1,3-thiazolidin-4-ones for their potent antimicrobial & antitubercular activities. International Journal of Chem Tech, Oct-Dec 2009, vol-1, No.1, 1048-1051. **ISSN: 0974-4290, Impact factor:0.47.**

3. **D.Visagaperumal**,N.Lakshmi, V.Haritha, V.Sreeram, D.Rajalakshmi, N.Sindhura. Synthesis & their possible biological activities of new formazans of 3-amino-2-sulphonyl-2,3,4,5,6,7,8-hexahydro(1)benzothiazine(2,3-*d*)pyrimidin-4(1*H*)-one.Rasayan Journal of Chemistry, 2009, vol-2, No-1, 71-74. **E-ISSN (Online): 2455-9555, ISSN: 0974-1496, Impact factor:1.8.**

4. **D.Visagaperumal**,K.Anbalagan, T.V.Kirankumar, M.Krishnanjaneyulu, K.Ambika, D.Madhuri. Synthesis & antimicrobial activity of some 1,3,4-thiadiazoles and 1,3,4-thiadiazines of 3-amino-2-mercapto-5,6,7,8-tetrahydrobenzothieno-(2,4*d*)pyrimidin-4(3*H*)-one. Int. J. Chem. Sci. 2009, 7(4), 2647-2654. Indian science abstracts, 48(18), 019037 (2012). **P-ISSN: 2523-6075, Impact factor:1.6**

5. **D. Visagaperumal**, V. Praveen, P. Sudeepthi, P. Prasanthi, G. GeetaSravani and G. Satyanarayana, Synthesis and antimicrobial evaluation for certain 1-(1*h*-benzotriazol-1-yl)-1-substituted phenyl methanamine. Int. J. Chem. Sci., 2010, Volume 8, Issue 2, 1315-1320. Indian science abstracts, 48(13), 13393 (2012). **P-ISSN: 2523-6075, Impact factor:1.6**

6. K.Jenny, K.Vasanth, B.Sravani, P.Sindhu, Ch.Anusha, **D.Visagaperumal**,N.Anbalagan. Synthesis and the antibacterial activity of Some Biphenyl Derivatives. Int. J. Chem. Sci. 2011, 9(4), 1782-1786. **P-ISSN: 2523-6075, Impact factor:1.6**

7. G Naveen Kumar Reddy, **D. VisagaPerumal**. Development and validation of RP-HPLC method for estimation of Tapentadol hydrochloride in pure and pharmaceutical dosage form. Inventi Rapid: Pharm Analysis & Quality Assurance2012, Issue-4. Vol. 2012, Article ID- " Inventi:ppaqa/484/12 ", 2012[cited 2013 Dec 23] Available from <http://www.inventi.in/Article/ppaqa/484/12.aspx>.**E-ISSN: 0976-3813. Impact Factor- 0.3 (2012).**

8. B Nagi Reddy, **VPerumal**. Isocratic RP-HPLC method development naand validation of itraconazole in capsule dosage form. Inventi Rapid: Pharm Analysis & Quality Assurance2012, Issue-4, Vol. 2012, Article ID- " Inventi:ppaqa/488/12", 2012 [cited 2013 Dec 23] Available From <http://www.inventi.in/Article/ppaqa/488/12.aspx>.**E-ISSN: 0976-3813. Impact Factor- 0.3 (2012).**

9. **D.Visagaperumal**, R. Revathi, C. Ratnasree, R.Jayakumar and N.Anbalagan. Microwave assisted synthesis and biological activity of certain 4-hydroxy chalcones. Pharmacophore. March-April 2013, vol.4, issue-2, 59-69. **ISSN-2229-5402. Impact Factor: 2.16.**

10. **VisagaperumalDhanapal**, ChilukodiGopinath, BodepudiAshajothi, JayakumarRamalingam, AnbalaganNavaneetha Raman. A facile synthesis and the study of some new chalcones for analgesic and anti-inflammatory activity. Am. J. Pharm Tech. Res. 2013, 3(6),252-261. **ISSN-2249-3389, Impact factor:1.6.**

11. **VisagaperumalDhanapal**, JayakumarRamalingam, AnbalaganNavaneetha Raman. Synthesis, characterization and pharmacological activity of some of 1*H*-[1,4] diazepino[2,3-*g*]quinoxaline-2,3-diones. *Inventi Rapid: Med Chem* 2013, 4:1-4. **E-ISSN: 0976-3821.**

12. Vasavi A, HemaSree S, Prathyusha C, **VisagaperumalD**, Simultaneous estimation of eperisone hydrochloride and paracetamol in combined pharmaceutical dosage form by absorption ratio spectrophotometric method, *Inventi Rapid: Pharm Analysis & Quality Assurance*, Vol. 2013 , Article ID- " *Inventi:ppaqa/1131/13* ", 2013. **E-ISSN: 0976-3813. Impact Factor- 0.4 (2012)**

13. M.V.L.Sahithi, **V.Perumal**, Chandra K Sekhar, P.VijayBabu. Development and validation of RP-HPLC method for simultaneous estimation of Methyldopa and Hydrochlorothiazide in Pharmaceutical Dosage form. *J Adv Pharm Edu& Res.* Oct-Dec 2013, 3(4), 464-470. **ISSN-2249-3379. Impact Factor- 0.4.**

14. AravapalliVasavi, **D.Visagaperumal**. Development and validation of RP-HPLC method for simultaneous estimation of Eperisone Hydrochloride and Diclofenac Sodium in Pharmaceutical Dosage form. *J Adv Pharm Edu& Res.* 2013, 3(4), 550-555. **ISSN-2249-3379 Impact Factor- 0.4.**

15. VasaviAravapalli, **D.Visagaperumal**. Development and validation of UV spectrophotometric method (Vierordt's method) for simultaneous estimation of Eperisone Hydrochloride and Paracetamol in Tablets. *Ph Tech Med.* 2014, 3(1), 441-444. **ISSN: 2278-1099.**

16. GovindarajSaravanan, Pamarthi Naga Praveen, ImmadisettySrikrishnanjaneyulu, **DhanapalVisagaperumal**. Development and validation of stability indicating RP-HPLC method for estimation of Tetrabenazine in bulk and pharmaceutical dosage form. *J Chem Pharm Sci*, 2014, 7(3), 218-223. **ISSN: 0974-2115, Impact Factor- 0.19.**

17. G.Saravanan, D.AshaJyothiKommara, I.SriKrishnanjaneyulu, **D.Visagaperumal**. Stability indicating RP-HPLC method for simultaneous estimation of Amlodipine and Perindopril in bulk and formulation. *J Chem Pharm Res*, 2014, 6(11), 465-473. **ISSN : 0975-7384, Impact Factor- 0.39.**

18. G.Saravanan, M.Padmaja, J. Geethanjali, **D.Visagaperumal**. Stability indicating RP-HPLC method for estimation of Rabeprazole sodium and Mosapride citrate in bulk and formulation. *Int J Pharm PharmSci*, 2014, 6(11), 265-269. **ISSN 0975 – 1491. Impact factor-0.51.**

19. GovindarajSaravanan, Pamarthi Naga Praveen, ImmadisettySrikrishnanjaneyulu, **DhanapalVisagaperumal**. Development and validation of stability indicating RP-HPLC method for simultaneous estimation of Metoprolol succinate and Cilnidipine in bulk and pharmaceutical dosage form. *Int J Pharm PharmSci*, 2015,7(1), 140-154. **ISSN 0975 – 1491. Impact factor-0.51.**

20. Govindaraj Saravanan, Sannihith Katari, Immadisetty Srikrishnanjaneyulu, **Dhanapal Visagaperumal**. Development and validation of stability indicating RP-HPLC method for simultaneous estimation of Atenolol and Nifedipine in bulk and pharmaceutical dosage form. Asian J Res Chem, 2015, 8(2), 91-98. **ISSN (PRINT) : 0974-4169. 0974-4150 (Online).**

21. Chaitanya Sucharitha Kolakaluri, Anusha Goli, G. Saravanan, **D. Visagaperumal**. Quantization of metaxalone in human plasma using High-Performance Liquid Chromatography-Tandem Mass Spectroscopy. J Adv Pharm Edu Res. 2015, 5(2), 70-76. **ISSN-2249-3379. Impact factor-0.4.**

22. Ramakrishna Teja, Sivakrishna Kapu, Swapana Kadiyala, **Visagaperumal dhanapal**, Anbalagan Navaneetha Raman. Heterocyclic systems containing bridgehead nitrogen atom: synthesis and antimicrobial activity of thiadiazolo[2',3':2,3]imidazo[4,5-b]quinoxaline. J. Saudi Chem Soc. 2016, 20, Supplement 1 Pages S387-S392 (<http://dx.doi.org/10.1016/j.jscs.2012.12.11>). **ISSN: 1319-6103. Impact Factor: 3.517**
23. **Visagaperumal Dhanapal**, Jayakumar Ramalingam and Anbalagan Navaneetha Raman. Synthesis, characterization and antimicrobial activity of 1,2-dihydroquinoxaline-3-yl-3-substituted phenyl-1*H*-pyrazole-4-carbaldehyde. J Heterocycl Chem. 2017, 54, 1619; 8 JUL 2016, DOI: 10.1002/jhet.2663. **Print ISSN: 0022152X. Online ISSN: 1943-5193. Impact factor: 1.484.**

24. **Visagaperumal D**, Ramalingam J, Chandy V (2018) 1, 3, 4-Thiadiazoles: An Overview. Curr Res Bioorg Org Chem: 2018, 1, 1-9. (CRBOC-103. DOI: 10.29011/CRBOC-101.100003). **ISSN 2639-4685.**

25. Justin Ebuka Ezekwem **Visagaperumal D**, Vineeth Chandy. Synthesis, characterization and antifungal activity of isatin Schiff base derivatives. Int. J. Curr. Res. 2018, 10 (10), 74001-74004. **ISSN 0975-833X. Impact factor-7.749.**

26. Justin Ebuka Ezekwem, **D. Visagaperumal**, Vineeth Chandy. Synthesis, characterization and anti-bacterial activity of isatin Schiff base derivatives. Asian J. Chem. Pharm. Sci., 2018, Vol 3(1), 1-16. **Online ISSN : 2456-6217. Impact factor-3.0.**

27. Ahmad zonoubi, Prashantha CN, **D Visagaperumal**, Zahra mafibaniyasi. *In silico* analysis of active constituents of silymarin as alpha-glucosidase enzyme inhibitors in type 2 diabetes mellitus. Asian J Pharm Clin Res, 2019, Vol 12, Issue 9, 225-229. **Print ISSN: 0974-2441; Online ISSN: 2455-3891. Impact factor: 0.48.**

28. Ahmad Zonoubi, **D. Visagaperumal**, Pradeepa Prasad, Vineeth Chandy, Zahra Mafibaniyasi. Milk thistle - morphology, chemistry and Pharmacological action. Int. J. Innovative Pharm. Sci. Res. 2019, 7(02), 14-40. DOI: 10.21276/IJIPSR.2019.07.02.392. **ISSN (Online): 2347 – 2154. Impact factor - 2.6095.**

29. Pradeepaprasad, **D. Visagaperumal**, Ahamedzonoubi, and Vineethchandy. Review: fruits of *Morindacitrifolia*. Int. J. Pharm. Sci. Health Care. 2019, Vol.2, Issue 9, 9-20. **ISSN 2249-5738. Impact factor – 3.11.** <https://dx.doi.org/10.26808/rs.ph.i9v2.02>
30. Pushpaveni C, **Visagaperumal D.**, VineethChandy. A Review on Banana blossom: The Heart of Banana. World J. Pharm. Res., 2019; 8(11): 440-450. **ISSN 2277-7105. Impact factor – 1.228.**
31. Pushpaveni C, Arun Kumar C., **Visagaperumal D.**, VineethChandy. Aurora Kinase: A target for cancer therapy. Research and reviews: A Journal of Pharmacology. 2019; 9(3): 10-17. **eISSN: 2230-9861; ISSN: 2349-1299.**
32. Pushpaveni C, Arun Kumar C., **Visagaperumal D.**, VineethChandy. “Green Synthesis, Characterization and Antimicrobial Activity of Silver Nanoparticles from Musa Paradisiaca Flower Extract”. Int. J. Pharm. Pharm. Res. 2020; 18 (1), 174-191. **ISSN :2349-7203; Impact factor - 5.016.**
33. Pushpaveni C, Arun Kumar C., **Visagaperumal D.**, VineethChandy. “Pharmaceutical Analytical Techniques: A Review”. Research and Reviews: A Journal of Drug Formulation, Development and Production: 2020; 7(1): 26–37. **EISSN:2394-1944.**
34. Preethima G, Ananda V, **D. Visagaperumal**, VineethChandy, Prashanthi P. The Review: Phytochemical and Bioactive Screening of “Karanja” belonging to family Leguminosae. Int. J. Pharm. Sci. Rev. Res., 59(1), November - December 2019; Article No. 05, Pages: 22-29. **ISSN: 0976-044X. Impact factor - 2.544.**
35. Deekshitha H S, **D Visagaperumal**, VineethChandy. Acridone and its Analogues Emphasizing as Anticancer Agents. Int. J. Sci. Res. Rev. 2019, 8(4), 177-193. **ISSN:2279-0543. Impact factor - 1.536.** <http://doi.org/10.37794/IJSRR.2019.8412>
36. MamtaSoreng, LataKhaniBisht, **D Visagaperumal**, VineethChandy. A Comprehensive Review on 1,3,4-oxadiazole Derivatives. Int. J. Pharm. Sci. Rev. Res., 2019; 59(1), Article No. 26, Pages: 155-160. **ISSN: 0976-044X, Impact factor - 2.544.**
37. **D. Visagaperumal** and VineethChandy. Antimicrobial activity of some novel 1-(3-(4-chlorophenylimino)-3,4-dihydroquinoxalin-2-yl)-3-substituted phenyl-1H-pyrazole-4-carbaldehyde. Anti-Infective Agents, 2020, 18, 128-134. DOI:10.2174/2211352517666190117143604. **ISSN:2211-3533 (Online).ISSN:2211-3525 (Print), Impact factor - 1.1.**
38. **D. Visagaperumal**, Prince Shukla, and VineethChandy. Review on pharmacological aspect of thiadiazole. World Journal of Pharmaceutical Research. 2020, Volume 9, Issue 7, 2318-2332. **ISSN 2277-7105. Impact factor - 8.084.**

39. **D. Visagaperumal**, Siddarth H S, Ananda V, VineethChandy. A Convenient approach in the synthesis of imidazole derivatives using Debus Radziszewski Reaction. International Journal of Pharmaceutical Research and Applications. 2021;Volume 6, Issue 3, pp: 431-447. **ISSN 2456-4494**. DOI : 10.35629/7781-0603431447. **Impact Factor value 7.429**
40. **D Visagaperumal**, Rinkukumari Solanki S, VineethChandy, SharanagoudBiradar. A comprehensive review on biological activities of naphtho[2,1-b] furan derivatives. International Journal of Pharmaceutical Research and Applications. 2021; Volume 6, Issue 4, pp: 644-657. **ISSN 2456-4494**. DOI : 10.35629/7781-0604644657
41. **D Visagaperumal**, Raveena Praveen, VineethChandy. A review on *N*-Mannich base derivatives of anticonvulsant drugs. International Journal of Research Publication and Reviews. 2021;Vol (2) Issue (8), Page 7-17. **ISSN 2582-7421**. **Impact Factor 5.536**
42. **D Visagaperumal**, Rinkukumari Solanki S, VineethChandy. Review on antimicrobial activity of 1,5-benzodiazepines. International Journal of Research in Pharmacy and Pharmaceutical Sciences. 2021, Volume 6, Issue 4, Page No. 15-20. **ISSN: 2455-698X**.
43. **D. Visagaperumal**, Siddarth H S, Ananda V, VineethChandy. Design, synthesis, characterization and biological activity of certain novel imidazole derivatives. International Journal of Research Publication and Reviews. 2021, Vol (2) Issue (9), Page 182-206. **ISSN 2582-7421**
44. **D.Visagaperumal**, Akshay C, and VineethChandy. Biological activity of *Averrhoabilimbi*. International Journal of Research Publication and Reviews, 2021, Vol (2) Issue (7), Page 1586-1593. **ISSN 2582-7421**.
45. **D.Visagaperumal**, Akshay C and VineethChandy. Isolation, Phytochemical investigation and biological screening of flowers of *Averrhoabilimbi*. International Journal of Research Publication and Reviews, 2021, Vol (2) Issue (8), Page 881-890. **ISSN 2582-7421**.
46. **D.Visagaperumal**, K Sangeetha, AbdulkarimRabiubala, VineethChandy. Quinazolinone Derivatives: Recent Structures with Potent Cytotoxic Activity. International Journal of Research Publication and Reviews Vol (2) Issue (7) (2021) Page 1846-1851. **ISSN 2582-7421**.
47. **D.Visagaperumal**, Vineethchandy, Abdulkarimrabiubala, K. Sangeetha. A Review on Isatin Derivatives with Anti-Cancer Activity. International Journal of Research Publication and Reviews Vol (2) Issue (7) (2021) Page 1852-1857. **ISSN 2582-7421**.
48. **D.VisagaPerumal**, Anupama K Raj, LataKhaniBisht and VineethChandy. Pharmacological activity of *Cosmos sulphureus*. International Research Journal of Pharmaceutical and Biosciences (IRJPBS). 2021, 5 (7), page 1-8. **Pri-ISSN: 2394 - 5826. e-ISSN: 2394 – 5834**.
49. **D. Visagaperumal**, Betsy P. G., Vineethchandy. Pharmacological activity and phytochemistry of *GarciniaGummiGutta*. International Research Journal of

50. Y.Roja, Ananda V, **D.Visagaperumal**, VineethChandy. Developments in the synthesis of certain novel [1,3]-Oxazine derivatives and its biological activities. International Journal of Research Publication and Reviews Vol (2) Issue (6) (2021) Page 213-216. **ISSN 2582-7421.**
51. Y.Roja, Ananda V, **D.Visagaperumal**, VineethChandy. The synthesis of certain novel [1,3]-Oxazine derivatives and its antimalarial activity through Molecular Docking. International Journal of Research Publication and Reviews Vol (2) Issue (8) (2021) Page 1483-1490. **ISSN 2582-7421.**
52. Sahana.A, **D.Visagaperumal**, VineethChandy. An overview of *Streblus asper* Lour. International Journal of Research Publication and Reviews Vol (2) Issue (8) (2021) Page 120-130. **ISSN 2582-7421.**
53. Sahana.A, **D.Visagaperumal**, VineethChandy. Isolation of Phytoconstituents From *Streblus asper* Flor and Its Docking Study for Few Pharmacological Actions. International Journal of Research Publication and Reviews Vol (2) Issue (8) (2021) Page 1166-1176. **ISSN 2582-7421.**

Indian journals

1. **D.Visagaperumal**, P.Venkatesan, R.Thiruganesh, M.Sugumaran, G.K.Bansal, Manjeetsingh and V.Ravichandran. Novel synthesis of chloromethyl biphenyl carboxylic acid. The Indian pharmacist, July 2004, 67-70.
2. **D.Visagaperumal**, R.Jayakumar. Synthesis of 3-substituted phenyl-1-isonicotinoyl-1H-pyrazole-4-carbaldehyde using Vilsmeier-Haack reagent a potent antimicrobial and antitubercular agents using microwave irradiation. Indian Drugs, 46(6), June 2009, 43-47. **ISSN: 0019-462X, Impact factor - 0.2.**
3. **D.Visagaperumal**, R.Jayakumar, G.Satyanarayana, N.Anbalagan and R.Vijayaraj. Microwave-assisted synthesis of some new imidazol-5-ones for antitubercular, antimicrobial and antioxidant activities. The Indian pharmacist. January 2012, Volume X, no.7, 65-68.
4. **D. Visagaperumal**, R. Jayakumar, N. Anbalagan. Synthesis and pharmacological activity of certain thiadiazolo[2',3':2,3]imidazo[4,5-*b*]quinoxalines. Indian J Heterocycl Chem. 2014, 23, 311-314. **ISSN:0971-1627, Impact factor - 0.11.**
5. **D. Visagaperumal**, R. Jayakumar, C. Mayuren and N. Anbalagan. **Synthesis, characterization and anxiolytic evaluation of novel bridge-head molecules of quinoxaline and diazepine. The Indian pharmacist. 2014, XII (5), 41-48.**
6. **D.Visagaperumal**, C. Mayuren, N. Anbalagan, P. Raghuveer varma, B. Srinivas, V.B. Shankerbontha, G. Ravikumar. A facile synthesis of mutual prodrug of

diclofenac sodium and paracetamol and its preformulation studies. The Indian drugs. 2012, 49(10), 25-29. **ISSN: 0019-462X, Impact factor - 0.2.**

7. **Visagaperumal D.**, Chandy V., Jayakumar K. and Anbalagan N. Synthesis and analgesic activity of 7-(substituted phenyl)-9-phenyl-1*H*-[1,4]diazepino[2,3-*g*]quinoxaline-2,3(4*H*,6*H*)-diones. Indian drugs. 2016, 53 (12), 5-10. **ISSN: 0019-462X, Impact factor - 0.2.**
8. **D. Visagaperumal.** Michael addition of chalcones with ethylacetoacetate using grinding method. TJGAJ, 2016, 11(1), 77-83. **ISSN: 2231-3362.**
9. P. Ramya, **D. Visagaperumal.** Development and Validation of RP-HPLC Method for the Determination of Terbinafine Hydrochloride in a Tablet Dosage Form. TJGAJ, 2016, 11(1),149-152. **ISSN: 2231-3362.**
10. P. Shulamite Vatsalya, **D. Visagaperumal.** Development and Validation of RP-HPLC Method for the Determination of Amlodipine and Indapamide in a Tablet Dosage Form. TJGAJ, 2016, 11(1),158-167. **ISSN: 2231-3362.**
11. **Visagaperumal D**, Ezekwem JE, Munji H, Chandy V; Isatin Schiff Base -An Overview; Pharma Tutor; 2018; 6(5); 38-47; <http://dx.doi.org/10.29161/PT.v6.i5.2018.38>. **ISSN: 2347 - 7881.**
12. **Visagaperumal Dhanapal**, Pemmadi Raghuv eer Varma, Jayakumar Ramalingam, Vineeth Chandy. Synthesis, characterization and skeletal muscle relaxant activity for the novel [1,4]diazepino[2,3-*g*]quinoxaline derivatives. Indian drugs. 2020, 57 (9), 38-44. **ISSN: 0019-462X ,Impact factor - 0.2.**

POSTER PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES / SYMPOSIUMS;

1. **Visagaperumal D**, Jayakumar R, Vijayaraj R, Ravi T.K. Microwave assisted organic synthesis of imidazolin-5-ones *via* Vilsmeier-Haack Reaction and their antimicrobial activity. Poster (No.PPC-47) presented in 23rd annual IPGA conference on Global trends in Pharma opportunities and challenges held during November 4th and 5th 2006 at Chennai Convention centre, Nandambakkam, Chennai.
2. **Visagaperumal D**, Ravi Akkireddy, Vijayaraj R, Ravi T.K. Synthesis of certain Mannich bases of 7-hydroxy-4-methylquinolinyl [1,5-*c*]mercaptotriazole and the evaluation of antimicrobial activities.. Poster (No.BP63) presented in the 58th IPC on the Pharma Vision 2020-Roles, responsibilities, resources held during December 1st-3rd 2006 at Mumbai.
3. **Visagaperumal D**, Jayakumar R, Vijayaraj R, Ravi T.K, Ramana B.V. Antitubercular, antioxidant and antimicrobial activities for various derivatives of 1,3-thiazolidin-4-

ones *via* Vilsmeier-Haack reaction using microwave synthesis. Poster (No. B139) presented in the 59th IPC on the Pharma Vision 2020: Product, patient and practice held during 20-23rd December 2007 at Banaras Hindu University, Varanasi.

4. **Visagaperumal D**, Vamsi Krishan B, Jayakumar R, Vijayaraj R, Suhas Souri, Ravi T.K, Ramana B.V. Synthesis and biological activities of mannich bases and oxadiazoles and triazoles having benzimidazoles. Poster (No. B138) presented in the 59th IPC on the Pharma Vision 2020: Product, patient and practice held during 20-23rd December 2007 at Banaras Hindu University, Varanasi.
5. Nanaji P, Praveen V, **Visagaperumal D**. Microwave assisted organic synthesis of Pyrazole-4-aldehydes using Vilsmeier-Haack reagent and their possible antitubercular activity. Poster (No. PT-CHEM-9) presented in the AICTE sponsored national level seminar on the role of nanotechnology in drug delivery and drug action held during 16th and 17th November 2007 at the Bapatla College of Pharmacy, Bapatla, Guntur dt.
6. Sindhura N, Jayakumar R, **Visagaperumal D**. Microwave assisted organic synthesis of Pyrazolin derivatives and their possible antimicrobial activity. Poster (No. PT-CHEM-11) presented in the AICTE sponsored national level seminar on the role of nanotechnology in drug delivery and drug action held during 16th and 17th November 2007 at the Bapatla college of pharmacy, Bapatla, Guntur dt.
7. Balipaka Srinivas, Vetrichelvan T, Nanaji P, Raghuveervarma P, **Visagaperumal D**. Microwave synthesis and biological activity of certain derivatives of 4-(isonicotinoylamino)-3-pyridin-4-yl-4H-1,2,4-triazolin-5-thione. Poster (No. B-11) presented in the national symposium on the Prism-2008 held during 16th April 2008 at Periyar College of Pharmaceutical Sciences for Girls, Tiruchirappalli.
8. **D.Visagaperumal**, C. Mayuren, N. Anbalagan, P. Raghuveer varma, B. Srinivas, V.B. Shankerbontha, G. Ravikumar. A facile synthesis of mutual prodrug of diclofenac sodium and paracetamol and its preformulation studies. Poster presented in IPC 2010 held at Manipal University, Karnataka.
9. **Visagapeumal D**, Vasantha K, Sravani B, Sindhu P, Anusha Ch. Synthesis and the antibacterial activity of some biphenyl derivatives. Poster (No. PR-4) presented in the CSIR and ICMR sponsored national conference on evolving paradigms in molecular pharmacology and drug design held during 17th and 18th March 2011 at Ultra College of Pharmacy, Madurai.
10. **Visagaperumal D**, Jayakumar R, Mayuren C, Anbalagan N. Synthesis, characterization and antimicrobial and analgesic activity of some fused quinoxalines. Poster (No. PMC-7) presented in UGC sponsored National seminar on Innovative Research and Development in Pharmaceutical Sciences-Current Scenario and New Horizons held during November 9 and 10, 2012 at Acharya Nagarjuna University College of Pharmaceutical Sciences, Nagarjunanagar, Guntur, Andhra Pradesh, India.

11. **Visagaperumal D**, Anbalagan N. Synthesis and anti-inflammatory activity of some 1,5-benzodiazepines. Oral presentation (No.OP-36) in 5th AP Science Congress held during November 14-16, 2012 at Acharya Nagarjuna University, Nagarjunanagar, Guntur, Andhra Pradesh, India.
12. **Visagaperumal D**, Jayakumar R, Anbalagan N. Synthesis and antianxiety of 1,5-benzodiazepines. Poster (No.B-197) presented in 64th Indian Pharmaceutical Congress held during December 7 to 9, 2012 at SRM University, Chennai, Tamilnadu, India.
13. Revathi R, **Visagaperumal D**, Ratnasree C, Rajesh babu. Synthesis and screening of anti-angiogenesis activity of pyrimidine-2(1*H*)-thiones by cam method. Poster (No.B-179) presented in 64th Indian Pharmaceutical Congress held during December 7 to 9, 2012 at SRM University, Chennai, Tamilnadu, India.
14. Saravanan G, Alagarsamy G, Srikrishnanjaneyulu I, **Visagaperumal D**, Mohammed Yunoos. Anticonvulsant activities of novel 2-(methyl/phenyl)-3-(4-(5-substituted-1,3,4-oxadiazol-2-yl)phenyl)quinazolin-4(3*H*)-ones. Poster (No.G118) presented on 18th annual national convention of APTI (APTICON 2013) held during October 25th to 27th 2013 at Vikas Institute of Pharmaceutical Sciences, Rajahmundry.
15. Saravanan G, Alagarsamy G, Srikrishnanjaneyulu I, **Visagaperumal D**, Mohammed Yunoos. Synthesis, characterization and antimicrobial activities of novel 6,8-dibromoquinazolin-4(3*H*)-one derivatives. Poster (No.OMPC-100) presented on international conference on emerging trends in chemical sciences on 5th -7th December 2013 at VIT, Vellore.
16. Saravanan G, Srikrishnanjaneyulu I, Ranjith K, **Visagaperumal D**. Synthesis, characterization and antimicrobial activities of some novel benzimidazole derivatives. Poster presented at the joint organization of Royal society of chemistry (London)-Deccan Section, India and Krishna University at the national poster Symposium-II on Advances in organic/medicinal chemistry [AOMC-2013] on 21st December 2013 at Siddhartha academy, Vijayawada.
17. **Visagaperumal D**, Anbalagan N. Design, synthesis and evaluation of analgesic and anti-inflammatory activity of certain novel pyrazoles incorporated quinoxalines. Poster (No.22) presented in DST, CSIR and APSCHE sponsored National seminar on the role of Natural product Chemistry in drug discovery (RNPCDD-2014) held during September 11-12, 2014 at Siddhartha Academy Auditorium, Vijawada, Andhra Pradesh, India.
18. Saravanan G, Balakrishna P, Sri Krishnanjaneyulu I, **Visagaperumal D**. Design, synthesis, characterization and biological activities of novel thiazolidin-4-one coupled quinazolinone derivatives. Poster (No. PCO-02) presented in APSCHE sponsored national symposium and workshop on benefits and application of multi dimensional techniques in Pharmaceutical arena-Focus on current research held during 18-20th October 2014 at Hindu college of pharmacy, Guntur, Andhra pradesh.
19. Bhavya Sri B.V.S, Naga Praveen P, Saravanan G, **Visagaperumal D**. Stability indicating RP-HPLC method for the simultaneous estimation of metoprolol succinate

and cilnidipine in bulk and pharmaceutical dosage form. Poster (No. PAP-05) presented in APSCHE sponsored national symposium and workshop on benefits and application of multi dimensional techniques in Pharmaceutical arena-Focus on current research held during 18-20th October 2014 at Hindu college of pharmacy, Guntur, Andhra pradesh.

20. PriskyJeronika G, NavyaTeja G, Saravanan G, **Visagaperumal D.** A sensitive analytical method development and validation of stability indicating UPLC method for the determination of Rosiglitazone and its related substances. Poster (No. PAP-09) presented in APSCHE sponsored national symposium and workshop on benefits and application of multi dimensional techniques in Pharmaceutical arena-Focus on current research held during 18-20th October 2014 at Hindu college of pharmacy, Guntur, Andhra pradesh.
21. Saravanan G, Shalini D, Sri Krishnanjaneyulu I, **Visagaperumal D.** Design, synthesis, characterization and biological activities of novel pyrazole coupled isatin derivatives. Poster presented in APP sponsored national conference on current scenario and novel findings in pharmaceutical research held on 25th October 2014 at Hindu college of pharmacy, Guntur, Andhra pradesh.
22. Presented a paper entitled "Novel azetidinone derivatives as antimicrobial agents" in the ICMR and RGUHS sponsored nation conference on training clinical Pharmacist in Pharmacovigilance held on 21st and 22nd March 2016 at T.John College of Pharmacy, Bangalore, Karnataka, India.

SEMINAR ATTENDED:

1. Participated in the 55th IPC on Pharmacy, Medicine Management and the National Health Policy during December 19-21, 2003 at Chennai.
2. Participated in the national level conference on Technological Advances in Pharmaceutical Sciences held at KMCH College of Pharmacy on 30th June 2005.
3. Participated one day seminar on Career Opportunities Advances in Pharma field held at College of Pharmacy, SRIPMS on 28th October 2006.
4. Participated in 23rd annual IPGA conference on Global trends in Pharma opportunities and challenges held during November 4th and 5th 2006 at Chennai Convention centre, Nandambakkam, Chennai.
5. Participated in the 58th IPC on the Pharma Vision 2020-Roles, responsibilities, resources held during December 1st-3rd 2006 at Mumbai.
6. Participated in the 59th IPC on the Pharma Vision 2020: Product, patient and practice held during 20-23rd December 2007 at Banaras Hindu University, Varanasi.
7. Participated in the CSIR and ICMR sponsored national conference on evolving paradigms in molecular pharmacology and drug design held during 17th and 18th March 2011 at Ultra college of Pharmacy, Madurai.

8. Participated in UGC sponsored National seminar on Innovative Research and Development in Pharmaceutical Sciences-Current Scenario and New Horizons held during November 9 and 10, 2012 at Acharya Nagarjuna University College of Pharmaceutical Sciences, Nagarjunanagar, Guntur, Andhra Pradesh, India.
9. Participated in 5th AP Science Congress held during November 14-16, 2012 at Acharya Nagarjuna University, Nagarjunanagar, Guntur, Andhra Pradesh, India.
10. Participated in 64th Indian Pharmaceutical Congress held during December 7 to 9, 2012 at SRM University, Chennai, Tamilnadu, India.
11. Participated in the APSCHE sponsored National Seminar on Drug regulatory affairs and quality assurance held at Acharya Nagarjuna University college of Pharmaceutical sciences on 8th February 2013.
12. Participated in the UGC sponsored National workshop on role of Modern instrumentation techniques in current concepts of pharmaceutical sciences held at Acharya Nagarjuna University of Pharmaceutical Sciences, ANU on 14th and 15th March 2014.
13. Participated with Ocean conservancy's International Coastal Cleanup.
14. Participated in one day National level seminar on Society of Pharmaceutical Sciences on Recent trends in Pharmaceutical Sciences held in NRK and KSR Gupta College of Pharmacy on March 11, 2015.
15. Participated DBT sponsored national seminar on opportunities and limitations of marine biopharmaceutical research held at Bapatla College of Pharmacy on 11-12 September 2015.
16. Two days National Conference on Training Clinical Pharmacist in Pharmacovigilance sponsored by ICMR and RGUHS organized by TJCP on 21 – 22 March 2016.
17. One day international seminar on Role of clinical pharmacist in cardio vascular diseases management held at T. John College of Pharmacy, Bangalore on 21st Dec 2016.
18. Participated one day National Conference on Innovation in Drug Discovery and Drug Delivery sponsored by Luminas Pharmaceuticals PVT Ltd, Chennai, held at T. John College of Pharmacy, Bangalore on 23rd Mar 2018.
19. Participated in 6th Indo West Indies Conference on Challenges & Recent Trends in Pharmaceutical Sciences, 14th July 2018, APP, Rajasthan.
20. Attended the OPFiCON-2020 International Web Conference on the expert Opinion: Exploring Clinical and Pharmaceutical Industries with future Endeavour &

Opportunities after COVID19 Pandemic on 02 June 2020 organized by Operant Pharmacy Federation in collaboration with Department of Pharmacy, KGR Institute of Technology and management.

WORKSHOP CONDUCTED

- Rajiv Gandhi University of Health Sciences has given Financial assistance for Conducting National Level workshop and competition on “Drug discovery designing and development” on 25th and 26th March 2019 at T.John College of Pharmacy, Bangalore. Role: Organizing Secretary/Chairman. Rs.40,000 (Order No:RGU/GEN/FA/6/2019-20 Dated on 25.07.2019)

WORK SHOP ATTENDED

- Participated one day workshop on Pharmaceutical Care skills held at College of Pharmacy, SRIPMS on June 18, 2005.
- Participated in the AICTE sponsored seminar and Technical workshop on the topic entitled “Pharmaceutical Product Development” held at Bapatla College of Pharmacy on December 2014.
- Participated one day workshop on the Interpretation of Spectra –A Practical Approach at KLE University’s College of Pharmacy, Bengaluru on 26th February 2016.
- Participated one day National workshop on **Herbal Plants for home remedies**. June 2018, held at Biocenter, Bangalore.
- Participated two days workshop as part of basic course in educational methodology conducted by Rajiv Gandhi University of health sciences, Karnataka in T John College of Pharmacy on 27-28th March 2018.
- Participated two days national workshop cum training on “Cheminformatics and its application in research and drug Industry” conducted by Islamiah College (Autonomous), Vaniyambadi, in collaboration with ‘Makeintern’ and ‘Ecell’ (IIT Kharagpur) on 27-28th January 2019.