

CURRICULUM VITAE

Dr. N.HARIKRISHNAN, *M. Pharm., Ph.D., FIC.*,
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Current Position:

Professor cum Principal Department of Pharm.Analysis Faculty of Pharmacy, Dr.M.G.R .Educational and Research Institute, (Deemed to be University)Maduravoyal, ChennaiTamilnadu- 600 095.

- ❖ With a backdrop of 23 years professional experience in India & abroad I was much steadfast to the teaching profession with strong research output with an aim to produce high quality students.
- ❖ Passionate and nippy learner towards inventions in the field of pharmaceutical Analysis
- ❖ Practicing advanced methods of teaching like taking online classes and power points.
- ❖ Encourage the students to perform lab experiments individually and provide hands on training on advanced instruments.
- ❖ Improving communication skills among students by encouraging to give seminars, conducting group discussions and by heartening to participate in various national and international seminars
- ❖ Involving in research activities by guiding Ph.D& P.G students, by handling industrial projects and by writing & consolidating research proposals to various funding agencies for getting grants.

- ❖ Actively participating and conducting councils for the improvement of the department by designing and implementing the new lab experiments and by conducting journal clubs.

ACADEMIC QUALIFICATION:

- ❖ Doctor of Philosophy (Ph.D) in Pharmaceutical sciences awarded in June 2010 The Tamilnadu Dr M.G.R Medical University, Tamilnadu, India.
Title: 'Synthesis, characterization and pharmacological evaluation of pyrimidine and its derivatives for their anticancer activity'
- ❖ Master of Pharmacy (April 2001) -Secured (67.7%)Specialization: Pharmaceutical Analysis, The Tamilnadu Dr M.G.R Medical University, Tamilnadu,India
Project: "New Method Development and Validation for Losartan Pottasium bulk drug and its formulations By RP-HPLC and HPTLC"
- ❖ Bachelor of Pharmacy (August 1997) - Secured (63.55%)The Tamilnadu Dr M.G.R Medical University, Tamilnadu,India
Project: Spectrophotometric method for the estimation of Rabiprazole in pure and pharmaceutical dosage forms

CARRIER OVERVIEW (2004 TO TILL DATE):

- ❖ Professor cum Principal(From 23rd Jan 2017 to till date): Department of Pharm.Analysis Faculty of Pharmacy, Dr.M.G.R Educational and Research Institute, (Deemed to be University) Maduravoyal, ChennaiTamilnadu
- ❖ Professor cum Principal(From August 04/08/2016 to 28/12/2017)
Nova College of Pharmaceutical education and Research, Hayathnagar affiliated to Jawaharlal Nehru Technological University,Hyderabad Kukatapalli, and Telugana., India.
- ❖ Professor(From23rd December 2013to 01 August 2016) .
Omar Al Mukthar University, Al Bayda Libya
- ❖ Senior Quality Control Manager QC-(from May 2012- November 2013)Saimirra Innopharm Pvt.Ltd
- ❖ Professor & Head(From May 2012 to November 2012) Ratnam Institute of Pharmacy, Nellore, affiliated to Jawaharlal Nehru Technological University Ananthapuram , A.P., India

- ❖ Associate & Assistant Professor (From July 2004 to July 2010) Vels Institute of Science, Technology & Advanced Studies (VISTAS) Chennai, Tamil Nadu, India.
- ❖ Lecturer (From Dec 2000 to June 2004) Pallavan Pharmacy College affiliated to The Tamilnadu Dr M.G.R Medical University, Chennai, Tamil Nadu, and India.

FELLOWSHIP/AWARDS/GRANTS RECEIVED

- ❖ Best teacher award at Omar Al Mukthar University, Libya April, 2014
- ❖ Outstanding Teacher award "OMAR AL MUKTHAR" awarded on July 2016 by President, Omar Al Mukthar University, Libya.
- ❖ AICTE Grant: Received a grant from All India Council for Technical Education. (Title of proposal: Synthesis, Characterization and Pharmacological Evaluation of Pyrimidine and Its Derivatives for Their Anticancer Activity" for the academic year 2009-10. 15 Lakhs
- ❖ AICTE Grant: Grant sanctioned from AICTE under Faculty Development Programme (SDF) for the year 2010. 1 Lakhe
- ❖ AICTE Grant: Grant sanctioned from AICTE under Faculty Development Programme (SDF) for the year 2011. 1 Lakhe
- ❖ Ratified faculty member(Professor) by the Selection Committee of Jawaharlal Nehru Technological University Hyderabad, Telugana, India. 2016-2017

CORE PROFESSIONAL ACTIVITIES:

- ❖ Approved Ph.D. Supervisor: Jawaharlal Nehru Technological University Hyderabad, Telugana,, India., and Krishna University Rajupeta Machilipatnam , Andhra Pradesh ,india.
- ❖ Question paper setter for Karpagam Academy of Higher Education (KAHE) and Vinayaka Mission's Research Foundation is a higher education institution
- ❖ Committee Incharge for NAAC, NBA, Autonomous documentation works (Vels Univesity) Tamilnadu,India -2008-2009
- ❖ Member in IQAC (internal Quality Assurance Cell)cell for inspection of documentation in the departments (Vels Univesity) Tamilnadu,India 2007-2008
- ❖ Organizedwork shop :National workshop on HPLC Hands on Training organized, 2010 March, Vels University
- ❖ OrganizedNational workshop on Hands on Training with HPTLC and IR 2010 July,Vels University
- ❖ Organizedwork shop National conference on Pharmaceutical Sciences, Ratnam Institute of Pharmacy,Feb, 2012
- ❖ Appointed as Ph.D Evaluator by Prist University, Vallam, Thanjur, Tamil Nadu, India. 2013
- ❖ Appointed as Ph.D Evaluator by Krishna University ,Andhrapradesh,India 2016
- ❖ Appointed as Ph.D Evaluator by Vels University (Deemed) , Pallavaram Chennai, Tamil Nadu, India. 2018
- ❖ Appointed as Ph.D Evaluator by Sri Ramachandra Deemed Medical University Chennai, Tamil Nadu, India. 2018
- ❖ Appointed as a convener and an examiner to conduct Ph.D. public viva-voce examinations as well as to evaluate the Ph.D thesis from The TamilnaduDr.M.G.R. Medical University, Chennai, India

MEMBERSHIPS IN THE PROFESSIONAL BODIES

- ❖ Life member, Association of Pharmacy Teachers of India (APTI) TN/LM-305
- ❖ Registered Pharmacist, Tamil Nadu State Pharmacy Council
- ❖ Member of Indian Pharmaceutical Association
- ❖ Member of "International Young Pharmacists" (YPG) Group
- ❖ Life Member of Indian Pharmacists Association (IPhA)
- ❖ Life Member of Indian Association of Colleges of Pharmacy (IACP)

TECHNIQUES (KNOWN & HANDLED)

- ❖ Handling of spectrophotometer, High Performance Liquid Chromatography.
- ❖ Carrying out Pharmacokinetics studies.
- ❖ Extraction, isolation and characterization of phytoconstituents and pharmacological Screening.
- ❖ HPLC Method Development and Validation as per ICH Guidelines
- ❖ HPTLC compounds identifying and interpretation using Marker compounds
- ❖ FTIR- Different types sample preparation and analyzing, interpretation of compounds
- ❖ Spectrofluorimeter, Flame Photometer etc.

TECHNIQUES (KNOWN & HANDLED)

- ❖ Handling of spectrophotometer, High Performance Liquid Chromatography.
- ❖ Carrying out pharmacokinetic studies.
- ❖ Extraction, isolation and characterization of phytoconstituents and pharmacological Screening.
- ❖ HPLC Method Development and Validation as per ICH Guidelines
- ❖ HPTLC compounds identifying and interpretation using Marker compounds
- ❖ FTIR- Different types sample preparation and analyzing, interpretation of compounds

RESEARCH PUBLICATIONS: NATIONAL /INTERNATIONAL

- ❖ Narayanaswamy Harikrishnan, Venkat Naga Garlanka Kiranmayi*, Selvadurai Ranjith, Periyasamy Sharan, Mohamed Mujibur Rahman Thalal, Nagappan Tharunkumar ,Pharmacological Exploration of *in Vitro* Antibacterial and *in Vivo* Wound Healing Using *Basella Alba* Ethanolic Stem Extract Ointment On Rats ,Pharmakeftiki, 36, I, 2024 | 53-63
- ❖ Raj Kapoor Balasubramanian Naina Mohamed Pakkir Maideen Harikrishnan Narayanaswamy, Overview of Tendinopathy, Peripheral Neuropathy, Aortic Aneurysm, and Hypoglycemia Caused by Fluoroquinolones, IJNOSINA Journal of Medicine and Biomedical Sciences 2024.
- ❖ P. Premalatha, V. Krishnaraju, H.A. Shadia, M.H. Abuadas, F.A. Zainab, A.E. Rasha, E. Sampaya, M.A. Abeer, A.A. Hala K. Prabahar N. Harikrishnan, E Vigneshwaran V. Vinoth prabhu H. Alshareef H.M. Manal, The complexity of basophobia and aging: covariates and consequences **European Review for Medical and Pharmacological Sciences** 2023; 27: 3967-3978
- ❖ P. Premalatha¹, H.A. Shadia, M.H. Abuadas², F.A. Zainab B. Prema³, M.A. Mervat, V. Krishnaraju⁵, P. Kousalya N. Harikrishnan, M. Kandasamy, S. Pranave Effect of COVID-19 vaccination on influenza-associated respiratory infection (IARI): benefit or backfire, **European Review for Medical and Pharmacological Sciences** 2023; 27: 3766-3776
- ❖ Srikrishna, T & Harikrishnan, N 2022, 'Recent Advancement in Nanodrug Delivery for Topical Wound Healing', *Research Journal of Pharmacy and Technology*, vol. 15, no. 5, pp. 2320-2326 (**Scopus Indexed**)
- ❖ Srikrishna Theerdhala & Narayanaswamy Harikrishnan 2023, 'Mupirocin Loaded Niosomal Gel for Topical Wound Healing Applications', *Tropical Journal of Natural Product Research*, vol. 7, no. 8, pp. 3676-3682 (**Scopus Indexed**)
- ❖ Srikrishna Theerdhala & Narayanaswamy Harikrishnan 2023, 'Mupirocin Niosomal Gel with Bee Honey & Curcumin as Nano Drug Delivery in Wound Healing Applications', *Current Trends in Biotechnology and Pharmacy*, vol. 17, no. 2, pp. 885-900 (**Scopus**

Indexed)

- ❖ Salma shaik & Harikrishnan N, 2021 “Arthroscopic-Friend of the Future –Review”, *High Technology Letters*, vol. 27, no. 7, pp. 296-305 (**Scopus indexed**)
- ❖ Salma shaik & Harikrishnan N, 2022 “Extraction, isolation, purification, stability studies and cytotoxic studies of phycocyanin from spiruline culture”, *Journal of Pharmaceutical Negative Results*, vol. 13, no. 8, pp.1-7 (**Scopus indexed**)
- ❖ Salma shaik & Harikrishnan N, 2023 “Evolution of Cytotoxicity of the Phyto pigments Isolated from Spirulina Platen sis using MTT assay”, *Journal of Population Therapeutics & Clinical Pharmacology*, vol. 30, no. 4, pp. 335-343 (**Scopus indexed**)
- ❖ Lalitha ch. Harikrishnan N formulation and evaluation of nutraceuticals of curculigo orchoide root extract *Journal of pharmaceutical negative results* 2022
- ❖ Lalitha ch. hepatoprotective activity of novel nutraceuticals of curculigo orchoide root extract ., *International journal –journal of population therapeutics and clinical pharmacology* date march 2023
- ❖ Pavan kumar V, Harikrishnan N ,Nano phytoconstituents and its recent advancement in anticancer efficacy in *RJPT* January 2023
- ❖ Pavan kumar V, Harikrishnan N, In vitro evaluation of anastrozole and paclitaxel loaded nanocrystals for enhanced anticancer activity in *Korean journal of physiology and pharmacology* in year 2023
- ❖ Gejalakshmi.S,N.Harikrishnan, Exploring the pharmacological potential of Clitoria ternatea invivo assessments of its CNS activity as Medicinal herb, *Journal of Population Therapeutics and Clinical Pharmacology*, 301(4)B,523-532,2023
- ❖ S.Gejalakshmi,N.Harikrishnan, Evaluation of toxicity study of the hydroalcoholic extract of clitoria ternatea to treat CNS disorder, *European Journal of Chemical Bulletin*, 12(4) 871-887, 2023

- ❖ Cherukuri Sowmya, Vuppalapati Lavakumar, **Narayanaswamy Harikrishnan**, Thiruppathi. M, Formulation Development and Pharmacodynamic Evaluation of Novel Dexibuprofen incorporated Aloe vera emulgel in Animal Models, Bulletin of Faculty of Pharmacy, Cairo University, (Elsevier Science)-Communicated.
- ❖ Cherukuri Sowmya, Vuppalapati Lavakumar, Velayutham Ravichandiran, **Narayanaswamy Harikrishnan**, Bishnu Adhikari. Novel biodegradable polymer matrices of xanthan gum and HPMC for extended release of ranolazine: optimization by central composite design, in vitro and in vivo assessments, Pharmaceutical Development and Technology. (Taylor & Francis) - Under Review.
- ❖ S. Gejalakshmi, **N. Harikrishnan**, Phytochemical investigation and FTIR analysis of hydroalcoholic extract of clitoria ternatea, GIS Science Journal, 9 (10) 470-475, 2022
- ❖ Hemalatha C.N, Hemamalini. B, keerthana. v, Mehur nisha.k, PushpaPriya.G, Supriya. S and Harikrishnan.N, Novel tetrahydro isoquinoline alkaloid derivative in Treatment of covid 19 by insilico studies, IJPBS, 11(7): 3361-3379, 2022
- ❖ S. Nandhakumar, Ch. Pavan Kumar, P.V. Ravikanth, N. Harikrishnan, Self-Emulsifying Drug Delivery System – A Promising Approach for Enhancing Bioavailability of Drugs, High Technology Letters, 26(6); 634-647, 2022
- ❖ S. Gejalakshmi * N. Harikrishnan, S. Rajesh, S. Pooja, A. Divyasri and G. E. Thillai Govindarajan, Microwave-assisted synthesis and *in-silico* screening of novel substituted 1, 3, 4-thiadiazole derivatives for treating antiviral agents, International Journal of Pharmaceutical Sciences and Research, 13(10): 3916-3921, 2022
- ❖ Nandhakumar Sathyamoorthy, Vankayala Devendiran Sundar, Vijayalakshmi Rajendran,
- ❖ Navyashri Sirikonda, Harikrishnan Narayanaswamy, Effect of Soya Lecithin on Sustained Delivery of Zidovudine via Biodegradable Solid Lipid Microparticles: Formulation and in- vitro Characterization, Pharmaceutical Education and Research, 56(3); 689-696, 2022
- ❖ M. vigneshwar, Deepika sree, kalaivani, Kirankumar and N. Harikrishnan, An Extensive Review on Nano-particulate Drug Delivery System and Its Toxicity, Indian Journal of Natural Sciences, 72(3), 2022
- ❖ B. Geetha, N. Harikrishnan, P. Sharmili, E. Esther Rani, A. Haripriya and C. N. Hemalatha, In-silico Analysis And Molecular Docking Studies Of Novel Thiazolidinedione Derivatives Against PPAR- γ , Rasayan J. Chem., 15 |(2)2 1419-1426, 2022
- ❖ Senthilraj. R, Poojadarshini. M, Safiya Banu. S, Nishara Begum. N, Hira H Tahera, Harikrishnan. N, A study to assess the awareness about polycystic Ovary syndrome and effect of lifestyle - Usage of food over on it, Journal of Xi'an Shiyou University, Natural Science Edition, 2022

- ❖ B. Geetha, N. Harikrishnan, P. Sharmili, E. Esther Rani, A. Haripriya and C. N. Hemalatha In-silico Analysis And Molecular Docking Studies Of Novel Thiazolidinedione Derivatives Against PPAR- γ Rasayan, 15 (2) 2 1419-1426, 2022
- ❖ S. Gejalakshmi, N. Harikrishnan, Evaluation of acute toxicity study of the hydroalcoholic extract of clitoria ternatea in albino rats, Zeichen Journal, 8(8), 2022
- ❖ S. Gejalakshmi, N. Harikrishnan, Santhoshkumar and Sudharsanam, Nigella sativa chemical composition and Medicinal property- A review article, MIR Research Journal, 7(8) 19-29, 2022
- ❖ Srikrishna T.1,2*, N. Harikrishnan 1 Recent advancement in Nano-drug delivery for Topical Wound ,Healing, Research J. Pharm. and Tech., 15(5) 2022
- ❖ V. Pavan Kumar , Narayanaswamy Harikrishnan * and Gejalakshmi Subramanian, RP-HPLC method development and validation for the simultaneous Estimation of Ledipasvir and Sofosbuvir in fixed dosage form, International Journal of Pharmaceutical Sciences and Research, 12(7): 1000-06, 2022
- ❖ **S. Shalini** , N. Harikrishnan , Role of chloroquine and hydroxychloroquine in the management of life threatening pandemic covid-19, *International Journal of Pharmaceutical Research* ; 2021; 13(3): 1389-1394,
- ❖ **Geetha.B***, Sharmili.P, Esther Rani.E, Haripriya.A, Nandhini.M, Yuvashri.N, Harikrishnan.N Peroxisome Proliferator-Activated Receptor Gamma (Ppar- Γ): A Potential Target For Type 2 Diabetes Mellitus, 13(3) 1451-1456, 2021
- ❖ **S. Shalini** , N. Harikrishnan , Novel Antihyperglycemic agent – Teneligliptin, High Technology Letters, 2021; 27(5) 414-421, 2021
- ❖ **Senthilraj.R**, Swetha.V , Masilamani.K , Harikrishnan.N, Review on antimicrobial methods and their current need, High Technology Letters, 27(6) 1-10, 2021
- ❖ **S. Shalini** , N. Harikrishnan, C.N. Hemalatha Evaluation of antibacterial activity in biosynthesized silver nano particles, High Technology Letters, 27(5) 491-497, 2021
- ❖ **Hemalatha.C.N**, Hemalatha C.N* , Thangavel.V, Keerthana.V, Harikrishnan.N, Therapeutic perspective: antivenom and herbal antidotes, High Technology Letters, 2021: 27(5) 110-120
- ❖ **Gejalakshmi.S**, Harikrishnan.N, Kayalvizhi , Medicinal aspects and importance of Swertia Chirata, High Technology Letters, 2021;
- ❖ **Gejalakshmi.S**, Harikrishnan.N, Divyasri.A , Thillai Govindrajan.G.E , Review on Medicinal Importance of *Moringa Olifera* Leaf for treating anemic Conditions, International Journal of Life science and Pharma Research; 2021; 11(2) 174-180

- ❖ **Gejalakshmi.S,Harikrishnan.N,Design Synthesis and Invitro Screening of New Analogues from Quercetin Lead-A Potential Candidate as Antidiabetic;**2021,13(3)1157-1163
- ❖ **Hemalatha C N, Jagadeesan B, Janani N, Aniesh Kumar A, Harinathan R, & Harikrishnan N. A Review Study on Cellulitis.** International Journal of Research in Pharmaceutical Sciences, 2021;12(2), 1552-1558
- ❖ **N.Harikrishnan,Gejalakshmi.S,Pavan Kumar, RP-HPLC Method Development and validation for the simultaneous Estimation of Ledipasvir and Sofosbuvir in fixed dosage form,** International Journal of Pharmaceutical Science and Research,2021; 12(7)1000-06
- ❖ **Harikrishnan N. Gejalakshmi Subramanian , Hemalatha C N , Pavankumar V RP-HPLC Method Development and Validation for the Estimation of Midostaurin in Bulk and Pharmaceutical Dosage Form** Int. J. Res. Pharm. Sci., 11(4), 5108-5112,2020
- ❖ Vivekanandan.K, Bhavya E.**N. Harikrishnan** "epidemiological study on diabetes patients along with patient interaction and counseling", Asian Journal of Pharmaceutical and Clinical Research, 13(3) 165-167,2020
- ❖ S Dhanalakshmi., **N Harikrishnan N.**, B A Tanisha., G Pooja., L Yuvarani., A Sajina Begum., M Tharun Kumar., A Santhosh (2020), "A perspective view on nanosponge drug delivery system", Drug Invention Today, 14(3),438-445,2020
- ❖ S Gejalakshmi., **N Harikrishnan** "A mini voyage on the pathogenesis of multiple sclerosis", Drug Invention Today, 13(5)766-769,2020
- ❖ S Gejalakshmi., **N. Harikrishnan** "Newer Potential Pharmacological Targets for Multiple Sclerosis", Journal of Pharmaceutical Sciences and Research, 12, (2) 301-304,2020
- ❖ Hemalatha C.N, Janani N., Vanishree S., **Harikrishnan.N** "Role of Histone Deacetylase (HDAC) Inhibitors for the Treatment of Cutaneous T-Cell Lymphoma (CTCL)", Research Journal of Pharmacy and Technology, 13(6) 2963-2965,2020.
- ❖ Gomathi G D., Gopala krishnan., Uma sudhakar., **N. Harikrishnan** ., Nandha kumarsathyamoorthy., Nimisha mithradas "Effect of a Novel PolyHerbal Mouthwash on Dental Biofilm Induced Gingivitis ", Journal of Pharmaceutical Sciences and Research, Vol. 12(1), 43-48,2020
- ❖ Anusha Sundararaman., S Dhanalakshmi., **N Harikrishnan** ., Logesh V., Ganesh S., Shakthi Priya P., Janani N., Srinivasan M., Prabakaran S (2020), "A review on curcumin "Antidepressant bioenhancer activity", Drug Invention Today, 13(4),.571-574,2020

- ❖ Komal S., N. Harikrishnan (2020), "Design, optimization and statistical evaluation of oral reconstituted suspension of clarithromycin using ion exchange resins", Asian Journal of Pharmaceutical and Clinical Research, 13(3),53-60,2020
- ❖ C N Hemalatha., A Haripriya., P Sharmili., **N. Harikrishnan** "A review on regorafenib as multikinase inhibitor", Drug Invention Today, 13.,19-22,2020
- ❖ S Gejalakshmi., **N. Harikrishnan** ., Thillai govindarajan G. E., Divyasri A (2020), "Microwave assisted synthesis of tetrahydropyrimidine and in silico screening of antidiabetic drug", International Journal of Current Pharmaceutical Research, Vol. 12, no. 1, pp.10-13.
- ❖ V. Keerthana., S Dhanalakshmi., **N. Harikrishnan** (2020), "a perspective review on applications of nanoparticle mediated drug delivery to the CNS", International Journal of Current Pharmaceutical Research, Vol. 12, no. 1, pp.1-4
- ❖ C N Hemalatha., S Dhanalakshmi., S Indumathi., D Pavithra., **N Harikrishnan** (2020), "Methods of induction of Alzheimer's disease in rat and mice", Drug Invention Today, Vol. 14, no. 3, pp.381-386.
- ❖ **N.Harikrishnan.**, Anas S. Mohamied., S. Gejalakshmi (2020), "development of nanoparticulate drug delivery system from marine source against human immunodeficiency virus marine study", Asian Journal of Pharmaceutical and Clinical Research, Vol. 13, no. 1, pp.38-40
- ❖ **N.Harikrishnan.**, S Dhanalakshmi., Devi M., Keerthana V., Vijayalakshmi (2019), "Fabrication and evaluation of herbal transdermal film from h hibiscus rosa sinensis", International journal of current pharmaceutical research, Vol. 11, no. 5, pp.101-105
- ❖ S.Gejalakshmi , **N.Harikrishnan** and S.Komal ,A prespective study on APOBEC protein family, Journal of Current Pharmaceutical Research 11(6) ,15-18,2019.
- ❖ S. Dhanalakshmi, **N. Harikrishnan**, M. Devi ,V. Keerthana, and Vijayalakshmi , Optimization method for determination of swelling factor of *Linum usitatissimum*Seeds,
- ❖ S.Gejalakshmi , **N.Harikrishnan** , Optimization method for determination of swelling factor of *Linum usitatissimum*Seeds., 12(4):30-34,2019
- ❖ **Narayanaswamy Harikrishnan**, M.Vijaya Vara Prasad, Gejalakshmi Subramanian and S.Babu Stability indicating RP-HPLC method development and validation for the simultaneous estimation of Pibrentasvir and Glecaprevir in bulk and pharmaceutical dosage form International journal of research and pharmaceutical sciences 10(3):2019.

- ❖ S.Gejalakshmi , **N.Harikrishnan** Insilico screening of benzene sulfonamide derivatives for treatment of diabetes mellitus J. Global Trends Pharm Sci, 2019; 10(3): 6530 – 6535
- ❖ S.Dhanalakshmi, **N.HariKrishnan**, C.Dhivya, V.Keerthan, M.Deepak,E.Ester Rani, Development and Optimization of Natural Colorant from Microbial species, Research Journal of Pharmacy and technology June, Volume 12 (7),2019,3475 -3478.
- ❖ S.Dhanalakshmi, C. Dhivya, **N. Harikrishnan** development of eco-friendly mosquito repellents with emphasis on herbal formulation and evaluation, Drug invention today ,Vol 10,3,2019
- ❖ Vivekanandan.K, **N.Harikrishnan** Bhavya.E, Babu.P, Nandhakumar.S Formulation and evaluation of floating drug delivery of an anti-hypertensive drug Research Journal of Pharmacy and Technology Vol. 11 (11),2018
- ❖ Vivekanandan.K, **N. Harikrishnan** Bhavya.E Colon Targeted Drug Delivery System: An Overview International Journal of Pharmacy & Technology Vol.10, (2), 6619-6635,2018
- ❖ Gejalakshmi S,**N.Harikrishnan**Insilico screening for alpha glucosidase inhibitors of chromone derivatives, Journal of global trends in pharmaceutical sciences 9 (3)5738-5744, 2018
- ❖ Gejalakshmi,**N.Harikrishnan**,Synthesis Characterization and Evaluation of Novel Substituted Azole Derivatives,Der Pharma Chemica, Der Pharma Chemica, , 10(3): 114-117 2018
- ❖ Gejalakshmi S, **N.Harikrishnan** Design, Synthesis, Characterisation and Pharmacological Evaluation of Some Novel Substituted Pyrimidine 2-one Derivatives. Int J Chem Sci.;16(3):278,2018.
- ❖ Gejalakshmi S,**N.Harikrishnan** .Synthesis of Fused Triazolo Thiadiazine Moeties Possessing Antiinflammatory ActivityDer Pharma Chemica, 2018, 10(3): 114-117
- ❖ Vuppalapati Lavakumar, Cherukuri Sowmya*, Narayanan Venkateshan, Velayutham Ravichandiran, Kagithakara Vajravelu Leela, **Narayanaswamy Harikrishnan** , Jayaraman Anbu Microcapsule-based chronomodulated drug delivery systems of montelukast sodium in the treatment of nocturnal asthma International Journal of Pharmaceutical Investigation | Published by Wolters Kluwer – Medknow <http://www.jpionline.org> on Friday, October 26, 2018, IP: 157.51.185.45] (PUBMED)
- ❖ S.Dhanalakshmi, **N. Harikrishnan**. Antioxidant activity of Nerium olender,Research J. Pharm. and Tech. 10 (10), 3449-3452, 2017
- ❖ S.Dhanalakshmi and **N. Harikrishnan**. Pharmacovigilance of herbal drugs in poly arthritic patients, IJPSR, 2017;8(10): 1000-06.

- ❖ Kousalya Prabahar S. Vaishali D. Praveen and **N. Harikrishnan**. Quasi-experimental study of the effect of patient counseling on quality of life among tuberculosis patients *IJPSR*, 2017; 8(9): 1000-05.
- ❖ **N. Harikrishnan***, Vijaya Vara Prasad, M., Anas S. Mohamied and Kousalya Kaliyamurthy Prabahar Method development and validation for assay of candesartancilexetil and hydrochlorothiazide in tablet dosage form by RP-HPLC, . *IJRPS March 2016,7 (1)*.
- ❖ Multivariate Statistical Analysis Of Heavy Metal Concentration In Soils Of Yelagiri Hills, Tamilnadu, India Spectroscopical Approach. A Chandrasekaran, R Ravisankar, **N Harikrishnan***, K K Satapathy, M V R Prasad, K V Kanagasabapathy , *Spectrochim Acta A Mol Biomol Spectrosc 2015 Feb 3;137:589-600. Epub 2014 Sep 3*.
- ❖ Development and validation of RP-HPLC method for simultaneous estimation of lisinopril and amlodipine besylate in tablet dosage form B. Prathap*, Akalanka Dey, G.H. Srinivasa Rao, **N. Harikrishnan**. *Int J Pharm* 2014; 4(1): 121-127.
- ❖ A Review on Stability Indicating HPLC Method Development B Prathap, GH Srinivasa Rao, G Devdass, Akalanka Dey, **N Harikrishnan***, *International Journal of Innovative Pharmaceutical Research. 2012,3(3),229-237*.
- ❖ RP-HPLC Method for Simultaneous Estimation of Telmisartan and Ramipril in Tablet Dosage Form **N. Harikrishnan***, P. Venkat Reddy, Dontireddy Ravi Sankar Reddy. V. Vijayan and R. Srinivasa Rao. *JITPS 2011, Vol.2 (3), 106-110*.
- ❖ Synthesis and biological evaluation of pyrido(2, 3- d)pyrimidine-carboxylate derivatives and screened for antibacterial, antifungal and antitumor P Shanmugasundaram*, **N Harikrishnan**, M Vijey Aanandini, M Sathish Kumar & J N activity, *Indain journal of chemistry, vol. 50b , 2011*.
- ❖ Simultaneous estimation and Validation of Tramadol and Paracetamol by HPTLC in Pure and Pharmaceutical Dosage Form, C. Roosewelt, **N. Harikrishnan**, V. Gunasekaran, S. Chandrasekaran, V. Haribaskar and B. Prathap, *Asian Journal of Chemistry, Vol. 22, No. 2, 850-854 (2010)*.
- ❖ Simultaneous Estimation of Drotaverine HCl and Mefenamic Acid in Tablet Dosage Form Using Spectrophotometric Method, C. Roosewelt, **N. Harikrishnan**, V. Gunasekaran, S. Chandrasekaran, V. Haribaskar and B. Prathap, *Asian Journal of Chemistry, Vol. 22, No. 2, 843-849 (2010)*.

- ❖ Development and Validation of UV Spectrophotometric Methods of Loratadine in Bulk and Pharmaceutical Formulation , **N Harikrishnan***, Deepthi R, Manjusha V, P Satya Vani, MV Asha Jyothi, and C. Roosewelt *Asian journal of Research in Chemistry, Vol 03, (2), April-June, 2010.*
- ❖ Development and Validation of UV Spectrophotometric Method of Glibenclamide (Glyburide) in Bulk and Pharmaceutical Formulation, **N Harikrishnan***, U Muralikrishna, Basha Shaik, Vishal Bhavsar, Manjusha V and V Ranjith Kumar *Asian journal of Research in Chemistry, Vol 03, (2), April-June, 2010.*
- ❖ Development and Validation of UV Spectrophotometric Method of evocetirizine Dihydrochloride in Bulk and Pharmaceutical Formulation. **N Harikrishnan***, U uralikrishna, P Satya Vani, MV Asha Jyothi, V Ranjithkumar and V Haribhaskar *Asian J. Research Chem. 3(3): July- Sept. 2010*
- ❖ Protective Effect of *Phyllanthus polyphyllus* on Acetaminophen Induced Hepatotoxicity in Rats, B.Raj Kapoor, Y.Venugopal, J.Anbu, **N.Harikrishnan**, M.Gobinath and V.Ravichandran , *Pak J Pharm Sci., Vol.21, No. 1, 57-62 (2008).*
- ❖ Simultaneous Estimation and Validation of Paracetamol, Aceclofenac and Chlorzoxazone by HPLC in Pure and Pharmaceutical Dosage Form, **N.HariKrishnan***, V.Gunasekaran, C.Roosewelt, K.Kalaivani, S.Chandrasekaran and Vijaya Kumar Meher, *Asian Journal of Chemistry, Vol. 20, No. 4, 2557-2562 (2008).*
- ❖ Antimycobacterial, Antiviral and Cytotoxic Studies of *Indigofera aspalathoides* Vahl, B.Raj Kapoor, N.Muruges, S.Kavimani, D.R.Krishna, V.Ravichandran, M.Gobinath, **N.Harikrishnan**, J.Vidyasagar, E.De Clercq and Scott G. Franzblau, *Pharmacognosy Magazine, Vol. 3, No. 11, 163-166 (2007)*
- ❖ Effect of *Bauhinia variegata* on Complete Freund's Adjuvant Induced Arthritis in Rats, B.Raj Kapoor, V.Ravichandran, M.Gobinath, J.Anbu, N.Harikrishnan, M.Sumithra, M.Sankari, R.Venugopal and D.Sakthisekaran, *J. Pharmacology and Toxicology, Vol.2, 465-472 (2007).*
- ❖ Antitumour and cytotoxic effect of *Phyllanthus polyphyllus* on Ehrlich ascites carcinoma and human cancer cell lines, B.Raj Kapoor, M.Sankari, M.Sumithra, J.Anbu, **N.Harikrishnan**, M.Gobinath, V.Suba and R.Balaji, *Bioscience, Biotechnology, and Biochemistry, Vol. 71, 2177-2183 (2007).*
- ❖ Simultaneous Estimation and Validation of Simvastatin and Ezetimibe by HPTLC Pure and Pharmaceutical Dosage Forms, K.Shivshanker, N.Sreekanth, **N.Harikrishnan**, C.Roosewelt, P.Shanmugapandiyar, G.Srinivasarao and V.Gunasekaran*, *Asian Journal of Chemistry, Vol. 19, No. 5, 3627-3632 (2007).*

- ❖ Simultaneous Estimation of Aceclofenac and Paracetamol by HPTLC in Pure and Pharmaceutical Dosage Form, **N.Harikrishnan***, A.Sathishbabu, G.Srinivasarao, C.Roosewelt and V.Gunasekaran, *Asian Journal of Chemistry*, Vol. 19, No. 5, 3918-3922 (2007).
- ❖ Validated High Performance Liquid Chromatography Method for Simultaneous Estimation of Paracetamol and Aceclofenac in Tablet Dosage Forms, **N.Harikrishnan***, A.Sathishbabu, G.Srinivasarao, V.Gunasekaran and C.Roosewelt, *Asian Journal of Chemistry*, Vol.19, No.7 (2007).
- ❖ Validated High Performance Thin Layer Chromatography Method for Simultaneous Estimation of Rofecoxib and Tizanidine Hydrochloride in Pure and Tablet Dosage Forms, C.Roosewelt, **N.Harikrishnan**, P.Muthuprasanna, P.Shanmugapandiyana and V.Gunasekaran*, *Asian Journal of Chemistry*, Vol. 19, No. 6 (2007).
- ❖ Validated Simultaneous Estimation of Ornidazole and Cefixime by Rp-Hplc in Pure and Pharmaceutical Dosage Form, N.Sreekanth, K.Shivshanker, **N.Harikrishnan**, C.Roosewelt, G. Srinivasarao and V. Gunasekaran*, *Asian Journal of Chemistry*, Vol. 19, No. 6, 4297-4302 (2007).
- ❖ Validated Simultaneous Estimation of Simvastatin and Ezetimibe by Rp-Hplc in Pure and Pharmaceutical Dosage Form, K.Shivshanker, N.Sreekanth, **N.Harikrishnan**, C.Roosewelt, G.Srinivasarao and V.Gunasekaran*, *Asian Journal of Chemistry*, Vol.19, No. 6, 4303-4308 (2007).
- ❖ Simultaneous Estimation of Levofloxacin Hemi Hydrate and ornidazole in Tablet Dosage Form by HPTLC Method, K.Surendra, R.Maheshwari, S.D.Maheshwari, **N.Harikrishnan**, C.Roosewelt and V.Gunasekaran, *Asian Journal of Chemistry*, Vol.19, No.7, 5647-5651 (2007).
- ❖ HPTLC Method for Simultaneous Estimation of Rabepazole Sodium and Itopride Hydrochloride in Capsule and Bulk Drug, V.Gunasekaran, K.Surendra, R.Maheshwari, **N.Harikrishnan** and C.Roosewelt, *Asian Journal of Chemistry*, Vol.19, No.7, 5634-5638 (2007).
- ❖ Simultaneous Estimation of Paracetamol, Aceclofenac and Chlorzoxazone in Oral Dosage Form Using Spectrophotometric Method, **N.Harikrishnan***, K.Kalaivani, Vijay Kumar Meher, V.Gunasekaran, A.Sathishbabu and C.Roosewelt, *Analytical Chemistry: An Indian Journal*, Vol. 5, 1-6 (2007).
- ❖ Validated Simultaneous Estimation of Rabepazole Sodium and Itopride Hydrochloride in Pure and Pharmaceutical Capsule Formulation, V.Gunasekaran S.D.Maheshwari,

C.Roosewelt, P.Muthuprasanna, **N.Harikrishnan** and J.Thomas Leonard, *Analytical Chemistry: An Indian Journal*, Vol. 5, 1-6 (2007).

- ❖ Formulation and *in vitro* Evaluation of Indomethacin Pulsincap for Colon Targeting, V.Gunasekaran, **N.Harikrishnan**, C.Roosewelt, A.Sathishbabu and P.Muthuprasanna, *Material Science an Indian journal*, Vol. 3, No. 2, 123-130 (2007).
- ❖ Formulation and *in vitro* Evaluation of Delayed Release Oral Dosage Forms for Omeprazole, V.Gunasekaran, **N.Harikrishnan**, C.Roosewelt, A.Sathishbabu and P.Muthuprasanna, *Material Science: An Indian Journal*, Vol.3, No. 2, 116-122 (2007).
- ❖ Validated Simultaneous Estimation of Telmisartan and Hydrochlorothiazide in Tablet Dosage Form by RP-HPLC, P.Shanmugasundaram, R.Maheswari, V.Gunasekaran, **N.Harikrishnan**, M.Vijeyaanandhi and K.S.Syed Ali Abtheen, *Analytical Chemistry: An Indian Journal*, Vol. 5 Nos. 1-6 (2007).
- ❖ Extractive Spectrophotometric Determination of Gatifloxain in Pure and Pharmaceutical Dosage Form, C.Roosewelt, **N.Harikrishnan** and V.Gunasekaran, *Journal of Pharmaceutical Research*, Vol.5, No .2 51-52 (2006).

CONFERENCES/WORKSHOPS/SEMINARS- ATTENDED/PRESENTED:

- ❖ **Presented** Development and evaluation of a Polyherbal extract for hair growth **N.Harikrishnan**, V.Gunasekaran, J.Anbu, R.Vasuki International conference held in C.L.Baid Mehtha College of Pharmacy- 2005.
- ❖ **Presented** Anti diarrhoeal activity of root extract of Eriodendron anfractuosum **N.Harikrishnan**, V.Gunasekaran, C.Roosewelt, J.Anbu International conference held in C.L.Baid Mehtha College of Pharmacy- 2005.
- ❖ **Presented** Simultaneous Quantification Of Atorvastatin and Fenofibrate By UV Spectroscopy in Pure and Tablet Dosage Form **N. Harikrishnan**, Roosewelt.C, Gunasekaran .V, Muthuprasanna.P, Vijaya Kumar Meher Chandrasekaran.S, Srinivasa Rao.G and Surendra. K, Pharma Innovations conducted by Bharathidasan University, Trichy.
- ❖ **Presented** Simultaneous Estimation of Amlodipine Besylate and Ramipril by using RP-HPLC **N. Harikrishnan**, Roosewelt.C, Gunasekaran .V, Sripriya.S ,

Ravi Sundar .A, Suryanarayana.CH .,P Pharma Innovations conducted by Bharathidasan University, Trichy .

- ❖ **Presented** Simultaneous Determination of Rofecoxib and Tizanidine Hydrochloride By RP- HPLC **N. Harikrishnan**, V. Gunasekaran, C. Roosewelt, K. Surendra, R. Maheswari, Pharma Innovations conducted by Bharathidasan University, Trichy .
- ❖ **Presented** Validated HPTLC Method For Simultaneous Estimation Of Rofecoxib and Tizanidine Hydrochloride **N. Harikrishnan**, K. Kalaivani, V. Gunasekaran, C. Roosewelt, S. D. Mageswari, Vijaya Kumar Meher, K.S. Syed Ali Abtheen and G. Srinivasa Rao Pharma Innovations conducted by Bharathidasan University, Trichy
- ❖ **Presented** Determination of Losartan Potassium in Pharmaceutical dosage forms by HPLC, New Delhi 53rd IPC
- ❖ **Participated** Hepatoprotective activity studies of Ginko Biloba on male rats, New Delhi 53rd IPC.
- ❖ Analgesic and Antipyretic wound healing activity of root extract of eriodendron anfractuosum, 57th IPC held at Hyderabad, India.
- ❖ **Participated** Anti-inflammatory activity of Spilanthus acemella linn, 57th IPC held at Hyderabad, India.
- ❖ Participated International Conference On Advanced Research In Pharmaceutical Health Care Sciences_ICARP 2021
- ❖ Organised, Faculty Development Programme, Outcome based education, 2022-2023
- ❖ Organised, National Conference, Pharmgree 2022, Faculty of Pharmacy, Dr.M.G.R.Educational and Research Institute, Velappnachavadi, Chennai-77
- ❖ Organised Faculty Development Programme, Trends and Advancements in Pharmaceutical Sciences, Faculty of Pharmacy, Dr.M.G.R.Educational and Research Institute, Velappnachavadi, Chennai-77

Patent

Dr.N.Harikrishnan,Synthesis of 5 substituted benzylidene-4,6 dicyclopropyl pyrimidine-2(5H)-thione derivatives,Patent status filed,201841047995,03.01.2019

Ms. Dhivya. L. S,Dr. N. Harikrishnan,Dr. G. Rajakumar “a novel composition of amino-benzothiazole hybrids as lead Dual-target for anti-tubercular and anti-oxidant agents and preparation method thereof”Patent Status filed,202341088573,19.1.2024

Ms. Dhivya. L. S,Dr. N. Harikrishnan,Dr. G. RajakumarMethod for preparation of chalcone based flavone derivatives,202441022745A,5.4.2024

Book chapter

- Book chapter published – Block chain based drug recall management, Scrivener Publishing LLC. S. Mahirah, Dr. B. Geetha, Dr. N. Harikrishnan.
- Recent advances in applied science and engineering book published N. Harikrishnan ,Pavan Kumar.V

Computer Knowledge

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PROFESSIONAL & ADDITIONAL ACTIVITIES

Instructional teaching for under graduate & post graduate students, Project identification and development for graduate and postgraduate students, Guided more than twenty UG projects and fifteen post graduate projects. Planning & implementing academic activities at graduate & postgraduate level institute, as an Academic Officer, Trained & Qualified ISO Internal Auditor, Served as management representative for the ISO 9001:2015 accreditations for UG and PG courses in Pharmacy.

REFERENCES:

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Declaration

I hereby declare that the above information and particulars are true and correct to the best of my knowledge and belief.

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