

FACULTY DATABASE

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

Designation: **Professor and Principal**

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Area: Pharmacy

Affiliation: Dr.M.G.R. Educational and Research Institute,
Deemed to be University, Maduravoyal, Chennai – 600095,
Tamil Nadu



EDUCATION

Sl.No.	Course	Department	Affiliation
1	Ph.D	Pharmaceutical sciences	The Tamilnadu Dr. M.G.R Medical University, Tamilnadu
2	M.Pharm	Pharmaceutical Analysis	The Tamilnadu Dr. M.G.R Medical University, Tamilnadu
3	B.Pharm	-	The Tamilnadu Dr. M.G.R Medical University, Tamilnadu

OTHER DETAILS

Courses: B.Pharmacy, M.Pharmacy

Research Interest: Pharmaceutical Analysis, Pharmaceutical Chemistry

Publications

- ❖ **N.Harikrishnan**, Viyaya Vara Prasad, Gejalakshmi Subramanian, Babu P, 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.
- ❖ 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
- ❖ S.Dhanalakshmi, **N. Harikrishnan**. Antioxidant activity of Nerium olender. *Research J. Pharm. and Tech.* 10 (10), 3449-3452, 2017
- ❖ 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*, 2018, 10(3): 114-117
- ❖ Gejalakshmi S, **N.Harikrishnan**, Design, Synthesis, Characterisation and Pharmacological Evaluation of Some Novel Substituted Pyrimidine 2-one Derivatives. *Int J Chem Sci.* 2018;16(3):278.
- ❖ Gejalakshmi S, **N.Harikrishnan**, Synthesis of Fused Triazolo Thiadiazine Moeties Possessing Antiinflammatory Activity *Der 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]
- ❖ 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.
- ❖ Method development and validation for assay of candesartancilexetil and hydrochlorothiazide in tablet dosage form by RP-HPLC **N.Harikrishnan***, Vijaya Vara Prasad, M., Anas S. Mohamied and Kousalya Kaliyamurthy Prabahar , . *IJRPS March 2016,7 (1)*.
- ❖ Multivariate Statistical Analysis Of Heavy Metal Concentration In Soils Of Yelagiri Hills, Tamilnadu, IndiaSpectroscopical 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*.
- ❖ B. Prathap*, Akalanka Dey, G.H. Srinivasa Rao, **N. Harikrishnan**, Development and validation of RP-HPLC method for simultaneous estimation of lisinopril and amlodipine besylate in tablet dosage form *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,**NHarikrishnan***,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.Shanmugapandiyani, 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.Shanmugapandiyani 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 Rabeprazole 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 Rabeprazole 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.Maheshwari, 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.Roosevelt, **N.Harikrishnan** and V.Gunasekaran, *Journal of Pharmaceutical Research, Vol.5, No .2 51-52 (2006).*

ACADEMIC EXPERIENCE

S.No.	Name of the Institution	From	To	Years of Experience
1	Dr.M.G.R. Educational and Research Institute, Deemed to be University, Maduravoyal, Chennai – 600095, Tamil Nadu	Jan 2017	Till Now	2 Years 7 Months
2	Nova College of Pharmaceutical education and Research, Hyderabad	Aug 2016	Dec 2017	1 Year 4 Months
3	Omar Al Mukthar University, Al Bayda Libya	Dec 2013	Aug 2016	2 Years 8 Months
4	Ratnam Institute of Pharmacy, Nellore	May 2012	Nov 2012	6 Months
5	Vels Institute of Science, Technology & Advanced Studies (VISTAS) Chennai	July 2004	July 2010	6 Years
6	Pallavan Pharmacy College	Dec 2000	June 2004	3 Years 6 Months

OTHER PROFESSIONAL EXPERIENCES

1. **Senior Quality Control Manager QC**, Saimirra Innopharm Pvt.Ltd, May 2012 – Nov. 2013

ACHIVEMENTS AND AWARDS

1. Best teacher award at Omar Al Mukthar University, Libya April, 2014
2. Outstanding Teacher award “OMAR AL MUKTHAR” awarded on July 2016 by President, Omar Al Mukthar University, Libya.

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)