

BIODATA

Dr. SURESH HIREMATH

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Profile Summary:

Professor and HOD - Pharmacognosy Department

Educational Qualification: M.Pharm, Ph.D

Qualification	Faculty	Year of Passing with class	Name of the University	Recognized by the respective Apex body.
Doctoral (Ph.D)	Pharmaceutical Biotechnology	2014	Acharya Nagarjuna University, Guntur ,Andhra Pradesh, India	University Grants Commission (UGC), India
Master of Pharmacy (M.Pharm)	Pharmacognosy	2002 First Class (74.50 %)	Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore, India	University Grants Commission (UGC), India
Bachelor of Pharmacy (B.Pharm)	Pharmacy	1998 First Class (60.66%)	Karnataka University Dharwad, Karnataka, India	University Grants Commission (UGC), India

Professional Experience:

Designation	Name of the Institution	Courses taught	Period		Subjects taught
			From	TO	
Lecturer	K.L.E.Society's College of Pharmacy,Gadag, Karnataka, India	Diploma in Pharmacy (D.Pharm) and Bachelor of Pharmacy (B.Pharm)	02/06/2002	18/2/2008	Pharmacognosy
Assistant Professor	NET Pharmacy College, Raichur, Karnataka, India H.K.E.S's Matoshree Taradevi Rampure Institute of Pharmaceutical sciences,Gulbarga , India	Bachelor of Pharmacy (B.Pharm) Doctor of Pharmacy (Pharm.D) Master of Pharmacy (M.Pharm)	19/02/2008 01-01-2010	30/12/2009 30-12-2013	Pharmacognosy & Phytochemistry Pharmacognosy & Medicinal Plant Biotechnology
Associate Professor	H.K.E.S's Matoshree Taradevi Rampure Institute of Pharmaceutical sciences,Kalburgi	Bachelor of Pharmacy (B.Pharm) Doctor of Pharmacy (Pharm.D) Master of Pharmacy (M.Pharm)	01/12/2013	30-09-2020	Pharmacognosy & Medicinal Plant Biotechnology
Professor	H.K.E.S's Matoshree Taradevi Rampure Institute of Pharmaceutical sciences,Kalburgi	-do-	01-10-2020	Till date	Pharmacognosy Medicinal Plant Biotechnology & Herbal drug technology

Teaching experience – Pharmacognosy / Natural Product chemistry/ Medicinal plant/ Herbal drug technology and Biotechnology Subjects

As Under graduate teacher – 23 years

As Post graduate teacher - 12 years

Post Ph. D Experience – 11 years

Total teaching and research experience – 23 years

Research contributions:

I have conducted various research work related to Phytochemical and pharmacological evaluation of medicinal plants for antidiabetic, *in-vivo/ in-vitro* anticancer, anticonvulsant and antiulcer activities of medicinal plants. Various potent phytoconstituents have been isolated, characterized and corresponding structures were established. The major phytoconstituents isolated were aporphine alkaloids like liriodenine, reticuline, norushinsunine; acetogenin – neoannonin from *Annona reticulata* Plant and alkaloid- sedridine; anthocyanin-pelargonidine 3-O-glucoside and phytosterols-campesterol, stigmasterol, β -sitosterol from *Punica granatum* plant. All the above compounds have exhibited anticancer activities. An attempt has been made for structural modification of isolated phytoconstituents to render other desirable pharmacological activities if any which may be used further as prototype for the development of new synthetic/ semi-synthetic analogues for treatment of various diseases.

- a)** No. of Scientific research papers published in indexed journals -24 (**Enclosure-1**)
- b)** No. of presentations made at National/International Conferences/Seminars, etc. (**Enclosure-2**)
- c)** No. of Pharmacy text books authored and published – **01(Pharmacy law and ethics -**

II Year D pharm)**M.Pharm / Ph.D Project Guided**

1. Title: Phytochemical and Pharmacological investigation of fruits of *Terminalia tomentosa* for *In-vitro* Antioxidant activity. Name of PG Student - Syyed Arif Pasha. Submitted to RGUHS, Bangalore, Karnataka, India in 2012
2. Title: Phytochemical and Pharmacological investigation of Root bark of *Punica Granatum* for *in-vitro* anticancer activity. Name of PG Student: Vishwanath Huli. Submitted to RGUHS, Bangalore, Karnataka, India in 2017
3. Phytochemical and Pharmacological investigation of Root bark of *Punica Granatum* for *in-vitro* antiulcer activity. Name of PG Student: Vaishali M Submitted to RGUHS, Bangalore, Karnataka, India in 2018.
4. Phytochemical and Pharmacological investigation of *Triticum aestivum* for thyroid functions in rats. Name of PG student Ravikiran Ganga-2019-20.
5. Phytochemical and Pharmacological Evaluation of *Triticum dicoccum* on thyroid function in rats. Name of PG Student: Miss Reshma Reddy 2020-21
6. Phytochemical and Pharmacological Evaluation of *Musa Acuminata* for In Vitro Antiulcer activity Name of PG Student : Prashant - 2020-21
7. Phytochemical and Pharmacological Investigation of Shodit Chitrak(*Plumbago zeylanica*) for Anti-obesity activity. **Ph. D** Research carried by Mrs Vani B under **RGUHS** Blore. (Ongoing from 2021)

Research work/projects carried out and completed

1. Phytochemical and Pharmacological investigation of fruits of *Terminalia tomentosa* for *In-vitro* Antioxidant activity – Completed in 2012
2. Phytochemical and Pharmacological evaluation of some medicinal plants for anti cancer activity- Completed in 2014
3. Phytochemical and Pharmacological investigation of Root bark of *Punica Granatum* for *in-vitro* anticancer activity in 2016
4. Phytochemical and Pharmacological investigation of Roots of *Punica Granatum* for *in-vitro* anti urolithiatic activity in 2018.
5. Phytochemical and Pharmacological investigation of *Triticum aestivum* for thyroid functions in rats. Completed in 2019-20.

Other relevant research project

1. M D Projects completed under my Co-guidance from student of D. G. M. Ayurvedic Medical College, Gadag, Karnataka, India

Title: Anticonvulsant effect of *Cyperus rotundus Linn* rhizomes in rats – completed in 2008

Personal Details:

Name	: Dr. Suresh Hiremath
Date of Birth	: 12 th September 1975
Father's name	: (Late) Dayanand Hiremath
Marital Status	: Married
Linguistic Abilities	: English, Hindi, Kannada and Telugu
Hobbies	: Reading magazines, Playing Cricket, Listening music
Permanent address	: Plot No: 92, ANJANEYA NIVAS NGO Colony, Okaly Camp Sedam Road, Kalaburagi- 585105, Karnataka, India

Declaration:

I hereby declare that all the information provided is true to the best of my knowledge and ability.

Place: Kalaburagi
Date:

yours sincerely

(Dr. SURESH HIREMATH)

Enclosure-1

Scientific research papers published

1. Laxative activity of pods of *Neptunia oleracea* Lour in mice : B.C. Hatapakki, V. S Bhoomannavar, Hemanth V S, Ramachandra Setty, Suresh H M ; “ **Indian Journal of Natural Products**” 2003 , 20 (1) : 43
2. Effect of *Cassia auriculata* Linn flowers against alloxan induced diabetes in rats: Hatapakki B.C., Suresh H.M., Bhoomannavar V.S and Shivakumar S.I. “ **Journal of Natural Remedies**” 2005, 5 (2) ; 132-136.
3. Hepatoprotective activity of fruits of *Coccinia gandis* Linn against CCL4 induced Hepatotoxicity : Shivakumar S.I, Suresh H.M., Swamy B.M., G.S Kumar , R. Dhanpal, V.I. Ashok Babu and N.Venkat Rao: “ **Advances in Pharmacology and Toxicology**” 2006, 7 (1) : 1-6.
4. Anticonvulsant effect of the fruits of *Musa paradisica* in albino rats: Suresh H.M., Shivakumar S.I., C.S. Hallikeri and B.C. Hatapakki. “ **Medicinal plants Series Cum Research Journal**” 2006, Vol 20: 1121-1124.
5. Anti-inflammatory activity of leaves of *Neptunia oleracea* linn in rats: V.S. Bhoomannavar, Suresh H.M. , Hatapakki B.C. and Shivakumar S.I. “ **Advances in Pharmacology and Toxicology**” 2006, 7 (3): 21-24.
6. Antihepatotoxic effect of *Coccinia grandis* Linn against CCL4 induced hepatic damage in rats: Swamy B.M, Kumar G.S., Shivakumar S.I., and Suresh H.M. “ **Asian Journal of Chemistry**” 2007, Vol 19, 132-133.
7. Chronotherapeutic approach in formulation and evaluation of Rantidine for peptic ulcer treatment: Chandur V.K., Suresh H.M., Hallikeri C.S., Bhoomannavar V.S., Kamlekar Y.S., and Hatapakki B.C. “ **The Antiseptic**” 2007, 104 (2) : 104-106.
8. Site Specific Low cost Ornidazole strip for long term treatment of periodontal diseases: V.K. Chandur , Suresh H.M., Shivakumar S.I., and B.C.Hatapakki ; “ **Indian Journal of Pharmaceutical Education and Research**” 2007, 41 (3) : 164-65.
9. Laxative activity of *Cassia auriculata* linn pods in rats: Suresh H.M., B.C.Hatapakki., V.K. Chandur ., Shivakumar S.I, and Swamy B.M. “ **Journal of Natural Remedies**” 2007, Vol 7/1, 150-154.
10. Anticonvulsant Effect of the unripe fruits of *Musa paradisica* in albino rats. Hallikeri C.S., Suresh .H.M., V.K.Chandur, V.S.Bhoomannavar and Shivakumar S.I. “ **Phytopharmacology and Therapeutic values**” 2008, 2 : 433-438.

11. Analgesic activity of *Enicostemma littorale*: Shivakumar SI, E. Jayachandran, B. Shivakumar and **Suresh HM**. “ **Indian journal of Natural Products**” 2008 24, (3) .22
12. Gastro protective and anti ulcer properties of Doxepin in pyloric ligated rats: Patil V.P., Sarfaraj MD, Pranshu subedar, **Suresh HM**, Shivakumar SI, and Hatapakki BC. “ **International Journal of Pharmacology and Biological Sciences** 2009, 3(2) , 101-106.
13. Anticonvulsant effect of *Cyperus rotendus* linn rhizomes in rats: Shivakumar SI, **Suresh HM**, C.S Hallikeri, BC.Hatapakki and JS Handiganoor. “ **Journal of Natural Remedies**” 2009, 9 (2) , 192-196.
14. Evaluation of anti-inflammatory activity of *Enistemma littorale* Blume : Shivakumar SI, Shivakumar B, E. Jayachandran and **Suresh HM**. “ **Biomed**”,2009, 4(4), 402-404.
15. Evaluation of anti-inflammatory activity of *Enistemma littorale* Blume : “ **Biomed**”,2009, 4(4), 402-404.
- 16 **H.M.Suresh**, B. Shivakumar, K. Hemalatha and K.R.S. Sambasiva Rao. “ *In Vitro* antiproliferative activity of *Annona reticulata* roots on human cancer cell lines” **Pharmacognosy Research**. 2011; 3(1): 9-12.
- 17 **H.M.Suresh**, B.Shivakumar and S.I.Shivakumar. “Inhibitory potential of the ethanol extract of *Annona reticulata* Linn against melanoma tumor”. **Journal of Natural Pharmaceuticals**. 2011; 2(4):168-171.
- 18 **H.M.Suresh**, B.Shivakumar and S.I.Shivakumar. “*In vivo* and *in vitro* potential of *Punica granatum* Linn roots against melanoma tumor cells”. **RGUHS Journal of Pharmaceutical sciences**. 2011; 1(3):216-219.
- 19 **H.M.Suresh**, B.Shivakumar and S.I.Shivakumar. “Phytochemical potential of *Annona reticulata* roots for antiproliferative activity on human cancer cell lines”. **Advances in Life sciences**. 2012; 2(2): 1-4.
- 20 **H.M.Suresh**, B.Shivakumar and S.I.Shivakumar. “Cytotoxicity of aporphine alkaloids from the roots of *Annona reticulata* on human cancer cell lines”. **International Journal of Plant research**. 2012; 2(3): 57-60.
- 21 **H.M.Suresh**, B.Shivakumar and S.I.Shivakumar. “Inhibitory potential of *Punica granatum* Linn roots against melanoma tumor in mice”. **Journal of Biologically Active Products from Nature**”. 2012; 2(1): 50-53.
- 22 **Suresh HM** and Vijay kumar Wali ; Study on Anti-ulcer Activity of *portulaca quadrifida* linn. Leaves Extract., **Intl. J. Chem Pharm Res**,2012;1(6):131-140

23 **H.M.Suresh**, Shivakumar SI, Sanjeev H, Sterols possess immunomodulatory property: Activity guided isolation and *in-vitro* screening of phytoconstituents of *Pongamia glabra* and *Ficus glomerata*. **Chinese Herbal Medicines**, 12 (2020) 310-315.

24 **Suresh Hiremath**, Vijaya Bhaskar Desai, Arati Malpani and Sidramappa Shirsand; Evaluation of Mucoadhesive dexamethasone Sodium Phosphate Gel in the Treatment of Arecoline-induced Oral Submucous Fibrosis in wister Albino Rats: A cross-Sectional Study; **Indian journal of Dental Research**. 2020; 5: 685-93.

25 Sanjeev Heroor, **Suresh HM**, Vijaya Bhaskar Desai, Nitin M.; Protective Effect of mucoadhesive Gel of Phytosterol of *Pongamia glabra* against Arecoline- induced OSMF Rats: **RGUHS Journal of Pharmaceutical sciences**; 2024;14(1):31-38.

Papers Presented

1. **H.M.Suresh**, B.Shivakumar and S.I.Shivakumar. “In vitro anticancer activity of *Annona reticulata* roots on human cancer cell lines”. Presented at 62nd IPC 2010, Manipal, 17-19; 2010.
2. **H.M.Suresh**, B.Shivakumar and S.I.Shivakumar. “In vitro cytotoxicity of *Annona reticulata* roots on A-549 and Hela cell lines”. Presented in ICMR sponsored two days National seminar “Advances in Drug design and drug Delivery for pulmonary diseases” held at BLDEA’s College of Pharmacy, Bijapur on 30th and 31st July 2010.

Enclosure-2

List of various Seminars / work shop/QIP/ Conferences Attended.

Sl.No	Name of Programme	Participated as	Dates
1	55 th Indian Pharmaceutical Congress, Chennai.	paper presented	3 rd -5 th Dec.,2003
2	State Level Seminar and Workshop on Experimental Study, Gadag.	Resource Person	13 th Aug.,2005
3	Rational use of Drugs, Gadag.	Resource Person	12 th Aug., 2006
4	Quality Improvement Programme on Pharmacognosy and Phytochemistry, Ootacamund.	Delegate	March 30- April 2004
5	ICMR Sponsored 2 days national Seminar on Advance in Drug Design and Drug Delivery for Pulmonary Diseases, Bijapur.	Oral research paper presented	30 & 31 July,2010
6	One Day orientation Programme on Hospitality, Communication skill and Cordial Relation, Gulbarga.	Delegate	12 th July 2012
7	Workshop on HKES, Central Core Committee 12 Point Programme, faculty Empowerment (Life Skills), Gulbarga.	Delegate	3 rd Sept. to 5th September,2012
8	Impact Research & Funding Opportunities, Gulbarga.	Delegate	01 st September, 2012
9	Inspire Internship Science Camp, Gulbarga.	Co-Chairperson	20 th -24 th January ,2013
10	IPS,Innovative Skills of Young talents in Pharmacy, Gulbarga	Committee member	24 th -26 th November ,2013
11	Inspire Internship Science Camp, Gulbarga.	Co-Chairperson	16 to 20 th September,2014
12	National conference on Drug-Discovery from Bio-organic chemicals and Indigenous systems of Medicines for the betterment of Public Health organized by Sarada Vilas College of Pharmacy, Mysuru,	Chairperson for Oral Session	31-07-2015 & 01-08-2015
13	PCI Workshop on Sensitization of syllabus for B-pharm and M-Pharm courses at Krupanidhi college of Pharmacy, B.lore	Delegate	14-07-2017
14	KAAPTICON -2018	Poster Evaluator	October-2018
15	One day National seminar on “Key Concepts in selection of Drug Therapy” by MTRIPS, Kalaburgi	Co-Chairman	05 th November – 2019
16	Two day Training Programme for nominees of CPCSEA conducted by CPCSEA on 28 th and 29 th June 2022 atJSS college of Pharmacy, Ooty	As Nominee	28 th and 29 th June 2022

17	One day Faculty development programme on New Methodology NAAC Binary Accreditation System Organized by HKE Society at HKE Dental college on 03/01/2025	Participant	On 03-01-2025
18	One day national seminar on Laboratory Animal welfare and Ethics conducted by CCSEA at Hyderabad on 27-03-2025	Delegate	on 27-03-2025