

Name : **HARSHA HEGDE**
 Designation : Scientist D
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 Date of Birth : 29th September 1976. Nationality: India

Educational Qualification: M. Sc., Ph. D.

Research Experience: 16+ Years on **Traditional/Herbal medicine and Plant systematics**

DURATION	INSTITUTION	POSITION	PARTICULARS OF WORK DONE
2015-Present	RMRC, Belagavi	Scientist-D	Anti-arthritic activity of selected plant extracts and fractions
2011-2015	RMRC, Belagavi.	Scientist-C	Developing quality control parameters for selected medicinal plants and the revitalization of local health traditions
2007-2011	RMRC, Belagavi.	Scientist-B	Establishment of Herbal Garden/ Museum/ Herbaria of Medicinal Plants
2005-2007	RMRC, Belagavi.	Senior Research Fellow	Medicinal Plants Database of Western Ghats
1999-2004	Karnatak University Dharwad	University Research Fellow	Ethnobotany and antimicrobial activities of selected medicinal plants

Research Projects: (Extramural Projects: 7)

- NMPB, New Delhi: Herbal Garden of Medicinal Plants of Western Ghats (2007-2010)
- CCRAS, New Delhi: Museum of Ethnomedicinal plants of Western Ghats (2008-2011)
- AYUSH: Scheme for revitalization of local health traditions (2009-2012)
- DST WOS-II, New Delhi: Evaluating the effect of Shodhana procedure on *Aconitum chasmanthum* L. (2014-2015)
- ICMR: Production of Shikimic acid from *in vitro* cultures of selected medicinal plants from Western Ghats (2014-2016)

Additional assignments: Member, Institutional Ethics Committee, BMK Ayurveda Mahavidyalaya, Belagavi (2010 onwards); Member, Institutional Ethics Committee, KLE University, Belagavi (2012 onwards); Member, Institutional Ethics Committee, BVVS Ayurved College, Bagalkot (2014 onwards); Member, Institutional Ethics Committee, KLE-USM, Belagavi (2016 onwards); Member, Institutional Animal Ethics Committee, Maratha Mandal College of Pharmacy, Belagavi (2016 onwards)

Mentoring Students:

Research Guide: Ph.D. Awarded: 02. Ph.D. Guiding: 02; M. D/M. Tech Dissertation: 15

Reviewer: For 07+ International and National Journals.

Publications

Total: 15 (Selected) (Research Papers: 15, Book Chapter: 01).

Selected List:

1. **Harsha VH**, Hebbar SS, Hegde GR, Shripathi V. 2002. Ethnomedicinal knowledge of plants used by Kunabi Tribe of Karnataka in India. *Fitoterapia* 73: 281-287.

2. **Harsha VH**, Hebbar SS, Shripathi V, Hegde GR. 2003. Ethnomedicobotany of Uttara Kannada district in Karnataka, India- Plants in treatment of skin diseases. **Journal of Ethnopharmacology** 84: 37-40.
3. Hebbar SS, **Harsha VH**, Shripathi V, Hegde GR. 2004. Ethnomedicine of Dharwad district in Karnataka, India- Plants in oral healthcare. **Journal of Ethnopharmacology** 94(2):261-266.
4. **Harsha VH**, Shripathi V, Hegde GR. 2005. Ethnoveterinary practices in Uttara Kannada district of Karnataka. **Indian J Traditional Knowledge** 4 (July): 253-258.
5. **Hegde HV***, Hegde GR, Kholkute SD. 2007. Herbal care for reproductive health: Ethnomedicobotany from Uttara Kannada district in Karnataka, India. **Complimentary Therapies in Clinical Practice** 13: 38-45.
6. **HV Hegde***, SS Hebbar, GR Hegde, SD Kholkute. 2010. Enhanced antibacterial activity in leaf-callus extracts of *Alophylus cobbe* L. **Journal of Medicinal Plants Research** 4(12):1085-1088.
7. Vinayak Upadhya, **HV Hegde***, Divakar Mesta, Shankar Belchad, Veeresh Hampannavar, SD Kholkute. 2010. Digital database on ethno-medicinal plants of Western Ghats. **Current Science** 99 (12): 1658-1659.
8. Upadhya V, **Hegde HV***, Bhat S, Hurkadale PJ, Kholkute SD, Hegde GR. 2012. Ethnomedicinal plants used to treat bone fracture from North-Central Western Ghats of India. **Journal of Ethnopharmacology** 142 (2012): 557–562.
9. Gireesh Ankad, Vinayak Upadhya, Sandeep R. Pai, **Harsha V. Hegde**, Subarna Roy. 2013. *In vitro* antimicrobial activity of *Achyranthes coynei* Sant. **Asia Pacific J Tropical Diseases** 3 (3): 192-195.
10. Upadhya V, Pai SR, Sharma AK, **Hegde HV**, Kholkute SD, Joshi RK. 2014. Compound Specific Extraction of Camptothecin from *Nothapodytes nimmoniana* and Piperine from *Piper nigrum* Using Accelerated Solvent Extractor. **Journal of Analytical Methods in Chemistry** (2014), Article ID 932036: 1-6.
11. Pai SR, Upadhya V, **Hegde HV**, Joshi RK, Kholkute SD. 2014. New Report of Triterpenoid Betulinic Acid along with Oleanolic Acid from *Achyranthes aspera* by Reversed-Phase–Ultra Flow Liquid Chromatographic Analysis and Confirmation Using High-Performance Thin-Layer Chromatographic and Fourier Transform–Infrared Spectroscopic Techniques. **Journal of Planar Chromatography** 27 (1): 38–41.
12. Upadhya V, **Hegde HV**, Bhat S, Kholkute SD. 2014. Non-codified traditional medicine practices from Belgaum Region in Southern India: present scenario. **Journal of Ethnobiology and Ethnomedicine** 10:49.
13. Upadhya V, Ankad G, Pai SR, **Hegde HV***. 2015. Comparative HPTLC analysis of stem and leaf of *Achyranthes coynei* with *Achyranthes aspera*. **Plant Science Today** 2 (1): 7-10.
14. Roy S, **Hegde HV**, Bhattacharya D, Upadhya V, Kholkute SD. 2015. Tribes in Karnataka: Status of health research. **Indian Journal of Medical Research** 141 (5): 673-687.
15. Pai SR, Upadhya V, **Hegde HV**, Joshi RK, Kholkute SD. 2016. Determination of betulinic acid, oleanolic acid and ursolic acid from *Achyranthes aspera* L. using RP-UFLC-DAD analysis and evaluation of various parameters for their optimum yield. **Indian Journal of Experimental Biology** 54, March 2016: 196-202.

Book Chapter:

Hegde H*, Kholkute SD, Roy S. 2015. Ethnomedicine to Ethnopharmacology: A route for herbal drug development. In *Emerging trends in Phytopharmaceuticals*. Ed. Priyanka Ingle-Jadhav, Mnaoj Jadhav, Nilima Kshirsagar. CBS Publishers and Distributors Pvt. Ltd. New Delhi, 15-23.

Patent Applied/Granted: Nil

Papers Presented in Conference/Seminar/Symposia etc: 37