

RESUME

Dr. RAGHU. H.S., M.Sc., N.E.T., Ph.D., PGDHRM

Lecturer

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EDUCATIONAL QUALIFICATION:

Ph.D -Biochemistry	2016	Kuvempu University	
M.Sc. (Biochemistry)	2005	Kuvempu University	69%
B.Sc. (Biochemistry)	2003	Kuvempu University	72 %
CSIR -UGC NET	2004		
P.G. Diploma in H.R.M	2009	Kuvempu University	

Ph.D RESEARCH TOPIC:

- *'Identification and Characterization of Novel Plasma protein Biomarkers of Alcoholism in Human Population.'*

PROJECTS CARRIED OUT:

- Study of extraction and Antimicrobial Activity of *'Phyllanthus emblica'*

RESEARCH EXPERIENCE:

- Guided **more than 30 post graduate students** for their project work.

TEACHING EXPERIENCE:

- Working as Lecturer in Dept. of P. G Studies and Research in Biochemistry, Kuvempu University, Shankaraghatta since August

2005 (more than **18** years of teaching experience for M.Sc Biochemistry students).

ADMINISTRATIVE AND ACADEMIC EXPERIENCE:

- Member of admission committee for M.Sc Biochemistry involving application scrutiny, selection list announcement and admission of selected candidates.
- Member of Organizing Committee of National seminars/conferences organized by Department of Biochemistry, Kuvempu University.

CONFERENCES AND SEMINARS ATTENDED:

- **Paper presented in 5 international conferences (with 1 best paper award) and 2 national conference.**
- Attended 1 international conference and 24 national level seminar/symposium/conferences.
- **Secured second prize for best research topic in World science day** organized by department of Biochemistry, Kuvempu University.

REVIEWER FOR JOURNALS:

1. Turkish journal of zoology
2. European Journal of Medicinal Plants
3. South Asian Research Journal of Natural Products

PAPER PUBLISHED:

1. **Raghu H S** and Ravindra P, Antimicrobial activity and Phytochemical study of *phyllanthus emblica Linn*, IJPSR/Vol. 1/ Issue 1/July-September, 2010/Pg.30-33.
2. **Raghu S. Holalkere** and Rajeshwara N. Achur. Five year trend analysis of patients admitted to Mcgann hospital in Shimoga district, Karnataka: a retrospective study. *World journal of pharmacy and pharmaceutical sciences*, 2014: 3(10), 1106-09. **(SJIF impact factor- 6.647)**
3. **Raghu S. Holalkere**, Preethi Shanbhag, Ashok Pai and Rajeshwara N. Achur. A clinical profile of alcoholic subjects in south western

- Karnataka, India. *The pharma innovation*, 2015: 4(5), 24-27.(**NAAS RATING: 5.23**)(**Impact factor-1.6**)
4. **HS Raghu**, NA Rajeshwara. Immobilization of α -Amylase (1, 4- α -D-Glucanglucanohydralase) by calcium alginate encapsulation. *International Food Research Journal*, 2015.(**Impact factor-0.92**)
 5. **Raghu Holalkere Sriram**, Rajeshwara Achur. Production and consumption of alcoholic beverages with its consequences in India: A short review. *International journal of science and qualitative analysis*, Vol 3, no 2, pp 33-37 ,2018
 6. **Raghu H.S**, Raghavendra S. N, Rajeshwara Achur. Isolation and characterization of chitin from Millipede (Spirobolida). *The Journal of Basic and Applied Zoology*. June,2018.(**Impact factor-2.3**)
 7. Raghavendra S N, **Raghu H S**, Rajeshwara A N. "Antifungal Activity Of Carbendazim-conjugated Silver Nanoparticles Against Anthracnose Disease Caused By Colletotrichum Gloeosporioides In Mango". *Journal of Plant Pathology*. July, 2019. (**Impact factor-2.493**)
 8. Raghavendra S N, **Raghu H S**, Divyashree K, Rajeshwara A N. Antifungal efficiency of copper oxychloride (coc) conjugated silver nanoparticles against *Colletotrichum gloeosporioides* which causes anthracnose disease. *AJPCR*, July,2019,vol 12, issue 8, pp230-233.(**Impact factor-0.4**).
 9. Raghavendra S N, **Raghu H S**, Chaihtra C, Rajeshwara A N. Potency of Mancozeb Conjugated Silver Nanoparticles Synthesized from Goat, Cow and Buffalo Urine samples against *Colletotrichum gloeosporioides* Causing Anthracnose Disease. *Nature, Environment and Pollution Technology*, 2019.(**Impact factor-1.2**).
 10. Arjumand Banu S.S, Neethu Patil, B. Anantha Nag,Raghavendra S.N., **Raghu.H.S**. and E.T. Puttaiah. Efficiency of Farm Yard Manure, Poultry Manure and Fertilizer-NPK on the Growth

- Parameters of French Bean (*Phaseolus vulgaris*) in Shimoga, Karnataka. *ECOLOGY, ENVIRONMENT AND CONSERVATION*.(Accepted 2021).(Impact factor-0.34).
11. B. Anantha Nag, Neethu Patil, Arjumand Banu S.S. Raghavendra S.N., **RaghuH.S.** and E.T. Puttaiah. Ecology of Biofuel Yielding Plant with Special Reference to *Jatropha curcas* in Shimoga Dist, Karnataka, India. *Pollution Research*,2021 (3).(Accepted). (Impact factor-0.33)
 12. **RaghuH. S**, Raghavendra S. N, Malini B. P, Chaitra C, Ananth Nag.B, Arjumand Banu S. S, A.N. Rajeshwara, S. E. Neelagunad. Synthesis Of Silver Nanoparticles From Goat Urine (*Ajamuthra*) And Their Antifungal Efficacy Against *Colletotrichum Gloeosporioides*. *Pollution Research*,2020 (3).(Impact factor-0.34)
 13. **Raghu S Holalkere**, Somashekar L, Nazar basha and Rajeshwara N Achur. Identification of potential plasma protein biomarkers of alcoholism in human blood sample. (Communicated).
 14. **Malini BP, Raghu HS**, Raghavendra SN and Rajeshwara Achur Green synthesis of Linezolid conjugated silver nanoparticles from *Clerodendrum chinense* extract, a medicinalplant and their antimicrobial effect on MDR bacteria(Accepted).
 15. **Malini BP, Raghu HS**, Raghavendra SN and Rajeshwara Achur Antimicrobial Efficacy of Azithromycin Conjugated Silver Nanoparticles against Multi Drug Resistant Pathogenic Bacteria.(Communicated).
 16. **Malini BP, Raghu HS**, Raghavendra SN and Rajeshwara Achur Synthesis of Streptomycin conjugated silver nanoparticles using *Azadirachta indica* (neem) leaf extract and their antimicrobial potency of against multidrug resistant *Staphylococcus aureus*(Communicated).
- **Google scholar ---Citations -----95**
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TECHNIQUES VERSED WITH

- Separation of serum proteins by 2 D-gel electrophoresis.
- Analysis of MALDI-TOF data using data base.
- Extraction and isolation of compounds from plants
- Evaluation of compounds for different pharmacological significance
- Utilization of Chromatographic techniques such as TLC and column chromatography
- PC Based Double Beam Spectrophotometer
- Electrophoresis
- Microbiological Techniques
- Cytotoxicity and Genotoxicity tests
- Clinical biochemistry tests
- Sound knowledge of theoretical aspects of instruments as HPLC, GLC, UV Spectrometer.
- Handling immunological kits like ELISA, WIDAL, VDRL.
- Extraction of RNA, DNA and Plasmid DNA.

PERSONAL DETAILS

Date of Birth : 4th March 1983

Address : Dr. Raghu. H. S
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Languages Known : Kannada, Hindi and English.

References:

1. Dr. A. N. Rajeshwara

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2. Dr. N. B. Thippeswamy

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