

## RESUME

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Lecturer

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### **EDUCATIONAL QUALIFICATION:**

<b>Ph.D –Biochemistry</b>	2020	Kuvempu University	
<b>M.Sc. (Biochemistry)</b>	2003	Kuvempu University	59.6%
<b>B.Sc. (Biochemistry)</b>	2001	Kuvempu University	61 %
<b>CSIR -UGC NET</b>	2017		

### **Ph.D RESEARCH TOPIC:**

- *‘synthesis of fungicide conjugated silver nanoparticle and their activity against anthracnose disease in manga.’*

### **PROJECTS CARRIED OUT:**

*synthesis of different types of silver nanoparticle*

### **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 November 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 4 international conferences (with 1 best paper award) and 1 national conference.**
- Attended 1 international conference and 20 national level seminar/symposium/conferences.

### **PAPER PUBLISHED:**

1. 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)**
2. **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)**
3. **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).**
4. **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).**

5. Raghu H. 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)**
6. 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).**
7. B. Anantha Nag, Neethu Patil, Arjumand Banu S.S. **Raghavendra S.N.**, Raghu H.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) **(Impact factor-0.33)**
8. Malini BP, Raghu HS, **Raghavendra SN** and Rajeshwara Achur  
Green synthesis of Linezolid conjugated silver nanoparticles from *Clerodendrum chinense* extract, a medicinal plant and their antimicrobial effect on MDR bacteria. *International Journal of Pharmaceutical Research and Applications*. 2024, vol 9, 1673-1681.  
DOI: 10.35629/7781-090116731681
9. Malini BP, Raghu HS, **Raghavendra SN** and Rajeshwara Achur  
Antimicrobial Efficacy of Azithromycin Conjugated Silver Nanoparticles against Multi Drug Resistant Pathogenic Bacteria. (Communicated).
10. 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).

**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 : 11<sup>th</sup> March 1981

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Jyothi nagar, 2<sup>nd</sup> cross

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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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