

**Dr. Champa S R**  
w/o **Mayur T. G**, Vidyanagar, B.H.Road,  
Shivamogga(T)(D), Karnataka, India, Pin-577203  
**Ph.No.☐:7760737008,**  
**9845846126.**  
**Mail ID:** [champa.mayur@gmail.com](mailto:champa.mayur@gmail.com)



## Professional Summary

Accomplished educator and researcher specializing in Chemistry. Experienced in teaching, mentoring, and curriculum development, contributing to institutional excellence and research advancements. Passionate about fostering student engagement and driving innovative research.

## Educational Qualifications

Degree	Institution	Year	Specialization
D.Pharm.	National College of Pharmacy, Shivamogga	2007	Medicinal Chemistry
B.Sc.	Sahyadri Science College, Shivamogga	2013	Physics, Chemistry, Mathematics
M.Sc.	Govt. Sir M V Science College, Bommanakatte, Bhadravathi, Shivamogga	2016	Chemistry
Ph.D.	Govt. Sir M V Science College, Dept. of P.G Studies and Research in industrial chemistry, Bommanakatte, Bhadravathi, Shivamogga	2024	Organic Chemistry

**Ph.D. Title :**

*Synthesis, Characterization, and Biological Evaluation of Some  
Benzimidazole Derivatives*

**Research Supervisor:** **Dr. Vishnumurthy K.A.**  
Professor  
Dept. of P.G. Studies and Research in Industrial Chemistry  
Bommanakatte, Bhadravathi-577301, Shivamogga

## RESEARCH EXPERIENCE

- **Researcher:**(2018-24)  
Govt. Sir M V Science college, Dept. of P.G.Studies and Research in Industrial Chemistry,  
Bommanakatte, Bhadravathi--577301, Shivamogga, , Karnataka, India.

## TEACHING EXPERIENCE

**Guest faculty (M.Sc. Industrial Chemistry)**  
**Dept. of P.G. Studies and Research in Industrial Chemistry, Kuvempu University**  
**December 2025 – Present (Postgraduate Level)**

### AREA OF RESEARCH:

- Synthesis and characterization of benzimidazole derivatives
- Biological activity screening: antibacterial, antifungal, antioxidant, anti-tuberculosis, hemolytic effect and anti-cancer (liver and breast cancer cell lines)
- Molecular docking and Density Functional Theory (DFT) Studies

## PUBLICATIONS/JOURNALS

1. *Thioether-linked benzimidazole derivatives: Synthesis, characterization, biological investigation, and molecular docking studies. Letters in Applied Nano Bio Science, 12 (2023) 120000.*
2. *Synthesis and characterization of heterocyclic benzimidazole compounds: Results in Chemistry, 6 (2023) 101018.*
3. *Facile ZnO NPs catalyzed synthesis of substituted benzimidazole derivatives: Current Chemistry Letters, 13 (2024).*

## Participated and presented Papers in International and National Conferences

1. **National Conference (2019):** *Exploring Innovative Research and Developments in Chemical Sciences (EIRDCS-2019), Kuvempu University. Synthesis of (E)-N-[4-(5-chloro-1H-benzimidazole-2-yl)phenyl]-1-(2-furan phenyl)methamine derivatives for its antimicrobial activity. (Poster Presentation)*
2. **International Conference (2019):** *Advanced Functional Materials for Energy, Environment And Health Care (AFMEEHC), University of Mysore. Synthesis of (E)-N-[4-(5-chloro-1H-benzimidazole-2-yl)phenyl]-1-(2-methyl phenyl)methamine derivatives for its antimicrobial activity. (Poster Presentation)*

3. **National Conference (2022):** *Impact of Chemistry and Biology to the Society and Industry (ICBSI-2022)*, Kuvempu University. *Synthesis of 2-(chloromethyl)-1H-benzimidazole derivatives for its antimicrobial activity.* (Poster Presentation)
4. **National Conference (2023):** *Recent Developments in Chemical Sciences (RDCS-2023)*, Sahyadri College, Shivamogga. *Synthesis of 2-[(1H-benzimidazole-2-ylmethyl)sulfanyl]-1H-benzimidazole derivatives for its biological activities.* (Poster Presentation)

### ***Technical & Professional Skills***

- Strong communication and teamwork abilities
- Advanced research and analytical skills
- Dedication, patience, and problem-solving
- Proficient in Microsoft Office and scientific research software

### ***PERSONAL STRENGTHS***

- Excellent problem-solving and critical thinking skills
- Strong leadership and organizational abilities
- High adaptability and willingness to learn
- Ability to work independently and collaboratively in research and teaching
- Commitment to professional ethics and integrity

### ***PERSONAL PROFILE***

Name : Dr. Champa S R  
Date of Birth : 17<sup>th</sup> January 1984  
Gender : Female  
Marital Status : Married  
Spouse name : Mayur T G  
Permanent Address : Vidyanagar, B.H. Road, Shivamogga-57720  
Linguistic proficiency : English, Hindi and Kannada.

## REFERENCE

<p><b>Dr. Vishnumurthy K.A.</b> Professor Dept. of P.G. Studies and Research in Industrial Chemistry Bommanakatte, Bhadravathi—577301 Shivamogga ☐: +919880781368</p>	<p><b>Dr. B.E.KumaraSwamy</b> Professor Dept. of P.G. Studies and Research in Industrial Chemistry Kuvempu University Shivamogga Karnataka, INDIA Email: kumaraswamy21@gmail.com ☐: +919900513796</p>
<p><b>Prof. H. S Bhojya Naik</b> Dept. of P.G. Studies and Research in Industrial Chemistry Kuvempu University, Shivamogga Karnataka, INDIA Email: hsbnaik@gmail.com ☐: +919448438281</p>	<p><b>Prof. Yadav D Bodke</b> Dept. of P.G. Studies and Research in Chemistry Kuvempu University, Shivamogga Karnataka, INDIA Email: ydbodke@gmail.com ☐: +919449140275</p>

Signature



Date: 28/03/2025  
Place: Shivamogga

(Dr. Champa S R)