

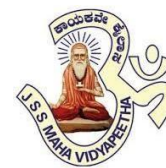


JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060

www.Jssateb.ac.in



FACULTY PROFILE

Department: Chemistry

1. Personal Details

NAME	Ms. Bindhu S	
DEPARTMENT	Chemistry	
DESIGNATION	Assistant Professor	
PHONE	9741871044	
EMAIL-ID	bindhus@jssateb.ac.in	
Date of Joining (JSSATEB)	04/03/2022	

2. Experience

Total Experience in Years	Teaching: 7 Years	Industry: Nil	Research: 7 Years
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3. Qualifications

COURSES	SPECIALIZATION	YEAR OF AWARD	INSTITUTION	UNIVERSITY
B.Sc.	Physics, Chemistry, Mathematics	2017	JSS College of Arts, Commerce and Science, Mysuru	University of Mysore
M.Sc.	Chemistry	2019	JSS Science and Technology University, Mysuru	JSS Science and Technology University, Mysuru
Ph.D.	Polymer Nanocomposites	Pursuing	JSS Science and Technology University, Mysuru	JSS Science and Technology University, Mysuru

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 02	National: 0
Papers Published in SCOPUS indexed Journals	International: 02	National: 0
Papers Published in other Journals	International: 0	National: 0

Papers Presented in Conferences/ Symposium	International:1	National:3
Books/Book chapters Published	Name of the book: Functionalized Nanomaterial- Based Electrochemical Sensors Publisher: Elsevier Year of Publication: 2021	01

5. Research Guidance

PhD Guide? Give field & University	Nil	
PhDs/Projects Guided	Nil	

6. Grants

- i. Funds Received (Projects) : Nil
- ii. Patents : Nil
- iii. Consultancy : Nil

7. Awards Received : Nil

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS/ Scopus /Both	Impact Factor	Publisher
1	Design, synthesis of pyridine coupled pyrimidione/pyrimidinethione as anti-MRSA agent: Validation by molecular docking and dynamics simulation	S Nanjundaswamy, S Bindhu , R R Arun Renganathan, S Nagashree, C S Karthik, P Mallu & V Ravishankar Rai	Journal of Biomolecular Structure and Dynamics	ISSN: 15380254 Volume:39 Year: 2022	Both	5.23	Taylor & Francis
2.	Insight into the conformational analysis of 3-phenyl-N-(3-(trimethoxysilyl)propyl)prop-2-en-1-imine (PTP) as a biocidal candidate: <i>In-silico</i> and quantum computational approach	Bindhu S. , Vrasha Raj V Nanjundaswamy, S., Hemavathi, M., Sandeep, S., Arun Renganathan, R. S R Kumaraswamy, C S Karthik, P Mallu, V Ravishankar	Results in Chemistry	Vol:05 Year: 2023	Scopus	2.3	Elsevier
3.	Investigating the morphological properties of poly(lactic acid) / gadolinium oxide and poly(lactic acid) / yttrium oxide nanocomposite films for optical applications.	H N Aishwarya, S Bindhu , R Asha, S Bhoomika, S Nagashree	Discover Applied Sciences	Vol: 07 Year: 2025	Both	2.91	Springer

4.	Synthesis, characterization, non linear optical and corrosion inhibition applications of new triazine derivatives.	S Mruthyunjaya, S Bindhu, S Ramesh Bhat, K B Manjunatha, S Nagashree, P Mallu	Discover Chemistry	Vol: 2 Year: 2025	Scopus	2.3	Springer
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ii. Workshops / Conference (Orgained)

National Conference on materials for Energy, Environment and Biomedical Applications- AMEEBA-2026 - 22nd & 23rd of May 2026

iii. Conference Attended (those sponsored by AICTE/ISTE/IETE/TEQIP or any other sponsoring body)

International Symposium on Designer Polymers & Materials – 23-25th October 2025, Pune, India

9. Details of NPTEL/COURSERA courses completed : Nil

10. Membership of Professional Bodies: Nil

11. Any other information you will like to share about your professional experience

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 Researcher id : <https://publons.com/researcher/5054274/bindhu-s/>
 ORCID : <https://orcid.org/0000-0003-2204-4592>
 Google scholar link : <https://scholar.google.com/citations?user=XQx7cMsAAAAJ&hl=en&oi=ao>
 Vidwan id : 264055

Bindhu S

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