

||Jai Sri Gurudev ||  
**B G S College of Engineering & Technology, Mahalakshmpuram –  
560086.**

**RESUME**

<b>Name</b>	<b>Dr. Sangeetha S</b>			
<b>Date of Birth</b>				
<b>Address</b>	<p><b>Contact Address:</b> Department of Chemistry, BGS College of Engineering and Technology, Mahalakshmpuram, <b>Bangalore-560086.</b></p> <p><b>Residential Address:</b> # 1484/22, 11<sup>Th</sup> A cross, 4rth C main, WOC Road, Mahalakshmpuram, <b>Bangalore-560086</b></p> <p><b>Contact Nos:</b></p> <p><b>E-mail:</b> drsangeethas.chem@gmail.com <span style="float: right;"><b>Mobile: 919538414113</b></span></p>			
<b>Department / Discipline</b>	<b>Applied Chemistry</b>			
<b>Educational Qualifications</b>	<b>Exam Passed (Pl. Tick)</b>	<b>Institution   University</b>	<b>% &amp; Class Obtained</b>	<b>Year</b>
	<b>Degree: B.Sc</b>	Kuvempu University, Shivamogga	69.79	2011
	<b>PG: M.Sc</b>	Kuvempu University, Shivamogga	64.14	2013
	<b>Higher: Ph.D.</b>	Bangalore University, Bangalore		2021
	FDP course TEQIP-3 & NPIU	IIT Bombay conducted		2020
<b>Experience</b>	<b>Nature of Experience</b>		<b>No. of Years</b>	
	Teaching		<b>5.6</b>	
	Research		<b>5</b>	
	Total No. of years of Experience		<b>10.6</b>	
<b>Experience Details</b>	<b>Designation</b>	<b>Institution/ Organization</b>		<b>Duration</b>
	Assistant Professor	Sir.M.V PG Science College, Bhadravathi		2 years
	Assistant Professor	B.M.S. College of Engineering, Bangalore		2 years
	Assistant Professor	Jindal College for women, Bangalore		1.5 years
	Assistant Professor	BGS College of Engineering and Technology, Bangalore		Currently Working
<b>Professional bodies Membership details</b>	<ul style="list-style-type: none"> <li>• Cultural Coordinator</li> <li>• Student Induction Program Coordinator</li> <li>• Eco-club Coordinator</li> </ul>			
<b>Areas of Research Interest &amp; Guidance</b>	Metal-organic Framework Electrochemistry Energy Storage sensors Photocatalyst Antimicrobial activity			
<b>Distinctions/ Awards</b>	<ul style="list-style-type: none"> <li>• B.Sc: Distinction</li> </ul>			

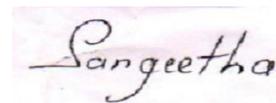
Received				
National/ International Work Shops/ Seminars / Conferences Attended	Sl.No.	Workshop on	Venue	Date
	1	Three-day international conference held on Acceleration Innovations in Material Science	Department of Chemistry BMSIT&M, Bangalore, Karnataka	4-7 Aug 2020
	2	Two-day national symposium on Recent Developments in Infectious Diseases	Department of Chemistry & Biotechnology, TEQIP III, B.M.S. College of Engineering, Karnataka, Bangalore, India	23-24 Aug 2019
	3	National symposium on electro chemical science and technology (NSEST- 2016)	Indian institute of Science, Bangalore	15 Sep 2016
	4	Participated in International conference on Electrochemical Science and technology (ICONEST-2017)	Indian institute of Science, Bangalore	19 Nov 2016
	5	Participated in National conference on science and technology: Reaching the unreached recent advances in physical, chemical, mathematical, and biological sciences for energy, health and environment- (NCSTRU-2017).	Mangalagangothri, Mangaluru, Karnataka	23 Sep 2017
	6	Participated in a two-day national seminar on National seminar on recent trends in pharmaceutical chemistry	Department of Chemistry, Krishna University, Machilipatnam, Andhra Pradesh, India	30-31 Jan 2011
	7	Presented the titled “Nickel and cobalt MOFs as advanced electrode material for electrochemical energy storage and ion sensor application” during the 2 <sup>nd</sup> International Conference on Emerging trend in Engineering, Science and Technologies (ICETEST- 18)”	Balaji Institute of Technology & Science, Warangal. On	16 <sup>th</sup> , 17 <sup>th</sup> Feb 2018.
	8	“Role of IQAC in Mapping healthy practice and setting bench marks in Higher education Institutions for Quality Sustenance and Enhancement” Organized by IQAC,	Sir.M.V. Government Science College, Bommanakatte, Bhadravathi	Sep 19 <sup>th</sup> & 20 <sup>th</sup> 2014.
	9	Attended the Youth Convention on Effectiveness of Education”	SriRamakrishna Students Home as part of Centenary Celebration	2 Aug 2019.
10	“Recent Development in Infectious Diseases-REDIND” held during organized in collaboration with FET	Department of Chemistry & Bio-technology B.M.S	23-24 Aug 2019	

	MJP Rohikh and University and the.	College of Engineering, Bangalore -560019,	
11	Participated in the three-day lecture series on “Recent Research Developments in Chemistry” from jointly organized by the.	Karnataka Science & Technology Academy, Bangalore the Department of Chemistry, Bangalore University, Bangalore	26-28 Mar 2015
12	Participated in the FDP titled “Metal Air Batteries: Electrocatalysts, Challenges and Opportunities”.	Chemistry, Basic Science and humanism, New Horizon College of Engineering, Bangalore, on	July 17, 2020
13	“Third Generation Biofuel, Algae Biodiesel- A Potential Future Fuel”	Department of Basic Science, Sri Krishna Institute of Technology, Bengaluru	24 <sup>th</sup> July 2020.

No. of Papers Presented/ Books Published	Sl. No.	Title	Journal / Conference details
	1	Electrochemical sensing and photocatalytic degradation of methylene blue (MB) dye by cobalt-beta hydroxy benzoate complex	Materials Science in Semiconductor Processing 101 (2019) 164–173. <a href="https://doi.org/10.1016/j.mssp.2019.05.016">DOI:org/10.1016/j.mssp.2019.05.016</a>
2	Fabrication of MOF-177 for the detection of heavy metal Pb[II] and Cd[II].	Bulletin of material Science (2020) 43:29	
3	Multiple applications of Zr-SMI coordination polymer”	Journal of Molecular Structure., <a href="https://doi.org/10.1016/j.molstruc.2021.129991">DOI:10.1016/j.molstruc.2021.129991</a>	
4	Electrochemical and photocatalytic applications of Ce-MOF”	Bulletin of material Science. <a href="https://doi.org/10.1007/s12034-020-02225-0">DOI:10.1007/s12034-020-02225-0</a>	
5	Energy Storage Applications of Cobalt and Manganese Metal–Organic Frameworks”	Journal of Inorganic and Organometallic Polymers and Materials 19 (2020) 1-9. <a href="https://doi.org/10.1007/s10904-020-01593-8">DOI:10.1007/s10904-020-01593-8</a>	
6	Chelated Zn–Metal-organic Frameworks: Synthesis, Crystal Structure and Electrochemical Energy Storage”	Journal of Inorganic and Organometallic Polymers and Materials 20 (2020) 1-9 <a href="https://doi.org/10.1007/s10904-020-01455-3">10.1007/s10904-020-01455-3</a>	
7	Cobalt metal-organic framework for low concentration detection of glucose”	Journal of Inorganic and Nano-Metal Chemistry. <a href="https://doi.org/10.1080/24701556.2021.1966451">DOI: 10.1080/24701556.2021.1966451</a>	
8	Synthesis of Cobalt and Zinc MOFs at Room temperature in Water as a sole solvent and testing of the Electrochemical activity”	J. Electrochem Soc. India Vol: (66) 3 2017 76-80	

	9	'Electrochemical response of Copper Metal-Organic Frameworks for Heavy Metal Sensor application''	J. Electrochem Soc. India Vol: (66) 3 2017 70-75
	10	Nickel and Cobalt Metal-organic frameworks as advanced electrode materials for electrochemical energy storage and ion sensor application''	International Journal of Science, Engineering and Management (IJSEM), Vol 3, Issue 2, February 2018, ISSN (Online) 2456 -1304
	11	Mn and Co, Metal - organic frameworks for hydrogen gas(energy) storage and heavy metal ion sensor application for clean environment''	International Journal of Science, Engineering and Management (IJSEM), ISSN (Online) 2456 -1304, Vol 2, Issue 12, December 2017
<b>Additional Information</b> (Patents, if any)			

**Date: 15/11/2022**



**Signature of the Candidate**