



||Jai Sri Gurudev ||

**B G S College of Engineering & Technology,  
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**RESUME**

<b>Name</b>	Dr. Shubha A			
<b>Date of Birth</b>	13-03-1986			
<b>Address</b>	<p><i>Contact Address:</i> Dr. Shubha A Assistant Professor Department of Physics BGS College of Engineering and Technology Adjacent to Mahalakshmi Metro Station, Mahalakshmpuram, West of Chord Road, Bengaluru -560 086, Karnataka</p> <p><i>Residential Address:</i> Ranganatha Swamy Nilaya, 3rd main, 4th cross, Gokula Extn Tumkur 572104</p> <p><i>Contact Nos:</i></p> <p><i>E-mail:</i>shubhaas83@gmail.com <span style="float: right;"><b>Mobile:</b> +91- 8088 6003 17, 9742 9180 52</span></p>			
<b>Department / Discipline</b>	Physics			
<b>Educational Qualifications</b>	<b>Exam Passed</b> (Pl. Tick)	<b>Institution   University</b>	<b>% &amp; Class Obtained</b>	<b>Year</b>
	<b>Degree:</b> B.Sc.	Tumkur University	75.83	2009
	<b>PG:</b> M.Sc	Tumkur University	68.60	2011
	<b>Higher:</b> Ph.D.	Visvesvaraya Technological University	Awarded	2020
	<b>Others</b>			
<b>Experience</b>	<b>Nature of Experience</b>		<b>No. of Years</b>	
	Teaching		4.3	
	Research		4.10	
	Total No. of years of Experience		8.4	
<b>Experience Details</b>	<b>Designation</b>	<b>Institution/ Organization</b>	<b>Duration</b>	
	Lecturer	Vidyavahini PU College, Tumakuru	July 2011 – Sept 2013	
	Assistant Professor	Siddaganga Institute of Technology, Tumakuru	Dec. 2014 - May 2015	
	Research Student	Siddaganga Institute of Technology, Tumakuru	Nov. 2015 - Sept. 2020	
	Assistant Professor	Acharya Institute of Graduate Studies, Bengaluru	April 2021 - Sept 2022	
<b>Professional bodies Membership details</b>	Indian Carbon Society (ICS), India. [Membership No.: LM-510]			
<b>Other Professional Experience</b>	<p>Computer Proficiency</p> <ul style="list-style-type: none"> <li>o Software packages: Visual basic, Java, C and C++, and Linux.</li> <li>o Operating systems: Experienced user of Microsoft Windows-7/Vista/XP.</li> </ul>			
<b>Areas of Research Interest &amp; Guidance</b>	-			
<b>Distinctions/Awards Received</b>	-			
<b>National/ International Work</b>	<b>Sl.No.</b>	<b>Workshop on</b>	<b>Venue</b>	<b>Date</b>

<b>Shops/ Seminars / Conferences Attended</b>	1	Three day Virtual Five day Faculty Development Programme (FDP) on “Effective methods and Strategies for Quality Research Paper Writing and Publishing Scientific Journals”	Sree Rama Engineering College, Tirupathi, India.	June 22-24, 2022
	2	Five day Faculty Development Programme (FDP) on “Attainment of CO’s and PO’s”	IQAC Initiative at Acharya Institute of Graduate Studies, Bengaluru,	May 30, 2022 to June 3, 3, 2022
	3	One day webinar on “ Photoelectric effect: 100 years”	Department of Physics, Bangalore Institute of Technology, Bengaluru,	December 1, 2021
	4	Webinar on “Recent trends in the applications of FTIR and UV-Visible spectroscopy in materials science: Micro to nanoscale level”	BMS Institute of Technology and Management, Bengaluru, Karnataka, India.	September 24, 2020
	5	“Third International Conference on Nanomaterials: Synthesis, Characterization and Applications (ICN 2018)”	Mahatma Gandhi University Kottayam, Kerala, India.	May 11-13, 2018
	6	Workshop on “Research Literacy: Academic writing, e-Resources and Research, Quality Indicators”	Siddaganaga Institute of Technology, Tumakuru	November 03, 2017
	7	“International Conference on Nanoscience and Nanotechnology (ICONN-2017)”	Department of Physics & Nanotechnology, SRM University, Chennai, India.	August 9-11, 2017
	8	Faculty Development Programme (FDP) on “Characterization techniques for the study of thermoelectric and optical properties of materials”	Siddaganaga Institute of Technology, Tumakuru.	July 23–28, 2017
	10	Seminar on “Current Trends in Carbon Materials”	Indian Carbon Society Bangalore Chapter at Aeronautical Society of India Auditorium, Bengaluru,	April 8, 2017
	11	Workshop on “Basic Rietveld Refinement Analysis”	Siddaganaga Institute of Technology, Tumakuru, Karnataka	March 24–25, 2017
	12	Faculty Development Programme (FDP) on Synthesis, Characterization of Nanomaterials and Their Engineering Applications	Siddaganaga Institute of Technology, Tumakuru, Karnataka, India.	July 14–19, 2016
	13	Faculty Development Programme (FDP) on Synthesis, characterization, electrical, magnetic properties and applications of nanomaterials	Siddaganaga Institute of Technology, Tumakuru, Karnataka,	November 23–28, 2015

**No. of Papers Presented/ Books Published**

**1. SHUBHA A, S. R. Manohara, B. Siddalingeshwar, Hemant Kumar Daima, Mandeep Singh, and Neerish Revaprabhu, Ternary poly(2-ethyl-2-oxazoline)-polyvinylpyrrolidone-graphene nanocomposites: thermal, electrical, dielectric, mechanical, and antibacterial profiling, *Diamond and Related Materials*, Volume 125, May 2022, Page 109001 (No. Pages: 10). **Impact Factor:** 3.806. **ISSN:** 0925-9635. **DOI:** 10.1016/j.diamond.2022.109001. **H-Index:** 113. **Ranking:** Q1.**

2. SHUBHA A, S. R. Manohara, and Basavaraj Angadi, Influence of TiO<sub>2</sub> nanoparticles on structural, optical, dielectric, and electrical properties of bio-compatible PEOX-PVP-TiO<sub>2</sub> nanocomposites, **Polymer Bulletin**, Volume 78 (In Press, 2021). **Impact Factor:** 2.87. **ISSN:** 0170-0839. **DOI:** 10.1007/s00289-021-03838-z. **H-Index:** 60. **Ranking:** Q2.

3. SHUBHA A and S. R. Manohara, Effect of graphene nanoplatelets concentration on optical, dielectric and electrical properties of poly(2-ethyl-2-oxazoline)-polyvinylpyrrolidone-graphene nanocomposites, **Journal of Materials Science:Materials in Electronics**, Volume 31, October 2020, Pages 16498-16510. **Impact Factor:** 2.478. **ISSN:** 0957-4522. **DOI:** 10.1007/s10854-020-04204-x. Citations ≥ 1. **H-Index:** 75. **Ranking:** Q2.

4. SHUBHA A, S. R. Manohara, and S. S. Subhranshu, Improved dielectric properties of graphene reinforced polyvinylpyrrolidone nanocomposites, **Materials Today: Proceedings**, Volume 10, 2019, Pages 3-7. **ISSN:** 2214-7853. **DOI:** 10.1016/j.matpr.2019.02.180. **H-Index:** 47.

5. SHUBHA A and S. R. Manohara, Thermal, conductivity, and dielectric properties of poly(2-ethyl-2-oxazoline)-polyvinylpyrrolidone blends, **Journal of Polymer Research**, Volume 25, Issue 8, August 2018, Page 174 (No. of pages: 8). Impact factor: 3.097. **ISSN:** 1022-9760. **DOI:** 10.1007/s10965-018-1570-y. Citations ≥ 3. **H-Index:** 54. **Ranking:** Q2.

6. SHUBHA A, S. R. Manohara, and L. Gerward, Influence of polyvinylpyrrolidone on optical, electrical and dielectric properties of poly(2-ethyl-2-oxazoline)-polyvinylpyrrolidone blends, **Journal of Molecular Liquids**, Volume 247, December 2017, Pages 328-336. **Impact factor:** 6.633. **ISSN:** 0167-7322, **DOI:** 10.1016/j.molliq.2017.09.086, Citations ≥ 16. **H-Index:** 111. **Ranking:** Q1.

7. S. R. Manohara, T. N. Rajashekhara, A. SHUBHA, S. S. Subhranshu, M. V. Murugendrappa, and P. N. Navya, Preparation, characterization and spectroscopic investigation of PEOX-PVOH blend films, **Sensors and Transducers**, Volume 210, Issue 3, March 2017, **Pages:** 32-37. **ISSN:** 2306-8515. **H-Index:** 14.

**Text Book Published:**

- **Electricity, Magnetism and Electromagnetic Theory**, S. R. Manohara and Shubha A, S Chand and Company Limited, New Delhi, 2018 [ISBN: 9789-3528-34402].

**BOOK CHAPTER:**

- SHUBHA A, S. R. Manohara, and S. S. Subhranshu, "Chapter 1: Nanomaterials: Types of nanomaterials and their fundamental physicochemical properties", **Nanotoxicology: Toxicity Evaluation of Nanomedicine** (1st ed.), July 15, 2021, pp. 1-20, Publisher: CRC Press (Taylor & Francis group), edited by HK Daima, SL Kothari, SK Bhargava, Catalog #: 310845, **ISBN-10:**0367266474, **ISBN-13:** 978-0367266479. **DOI:** 10.1201/9780429299742

**Additional Information**

(Patents, if any)

