



K.V.G. COLLEGE OF ENGINEERING

Kurunjibhag, Sullia, D.K.-574 327, Karnataka, INDIA

E-mail: office@kvgegg.com website: www.kvgegg.com

Department of Chemistry

FACULTY PROFILE

Name of the Faculty	SUREKHA M.	
Designation	Associate Professor	
Contact Numbers	Mobile: +91 - 9481446324	
E-mail ID	Surekha.apoorva@gmail.com	

• Educational Qualification

Degree	Specialization	Year of Passing	College & University
B.Sc	Physics, chemistry and Mathematics	1995	Nehru Memorial College, Sullia, D.K
M. Sc	Chemistry	1997	Mangala Gangotri, Mangalore University, Konaje, D. K
Ph.D.(Pursuing)	Physical Chemistry	Thesis submitted in the month of January 2020	KVG College of Engineering, VTU Belgaum

• Work Experience

Teaching	Research	Industry
18 years	5 years	-----

• Date of Joining to this College

10th April 1997 - 10th June 2003

9th February 2009-Till date

• In-House Experience

Designation	Duration		Department
	From	To	
Lecturer	1997	2003	Chemistry
Assistant Professor	2009	2013	
Associate Professor	2013	Till date	

• Outside Experience

NIL

• Area of Interest

Electrochemistry, Corrosion and Acoustic study

• Subject Taught

Engineering Chemistry
Environmental Chemistry

• Membership in Professional Bodies/University Bodies/Organizations

• Publications

National / International Journals	National / International Conferences
05	04

• Publications : International Journals

1. Surekha M and Shivakumar H. R, “***Acoustic investigations of benzoic acid in methanol + water mixture in the range 293.15-313.15K***”, International Journal of Science and Technology and Management, Vol. No. 4, 2015, pp 856-870
2. H. R. Shivakumar, Siju N. Antony, and M. Surekha, “***Thermo-acoustical behaviour of oxalic acid in 2-propanol + water mixtures***” International Journal of Chemistry, Vol. 36, 2015, pp 1754-1764
3. Surekha M, Shivakumar H. R, and Vivek Padpu, “***Conductance Study on Solvation Behaviour of Tetrabutyl Ammonium Bromide in 2-Ethoxy Ethanol+Water Mixtures AT 288.15K - 318.15K***”, Journal of Chemical and Pharmaceutical Sciences ISSN (Print 0974-2115) (Online 2349-8552), 2018, pp 47-52
4. M. Surekha, H. R. Shivakumar, and Siju N. Antony “***acoustical studies on molecular interactions of tetra butyl ammoniumbromide in 2-ethoxyethanol and water mixtures at 288.15k to 318.15k***”, International Journal of Advanced Research Science and Engineering(IJARSE), Vol. 6, 2017, pp 1489-1501
5. M. Surekha, H. R. Shivakumar, “***Ultrasonic Studies on Interionic Interactions of KSCN in 2-Ethoxyethanol + Water Mixture at Varying Temperatures***”, American International Journal of Science, Technology, engineering and Mathematics (AIJRSTEM), 2019, pp179-187

• Publications : National / International Conferences

1. “*Thermo-acoustic study of Benzoic acid in Water + Methanol system*” in International conference on Recent Trends in Emerging science and Management (ICRTEM)-15 at JNU, New Delhi on 15th March, 2015
- 2.”*Conductometric behavior of Oxalic acid in 2-propanol + water mixture at different temperatures*” in national conference on Emerging trends in Science , Engineering and Management, held at K. S. School of Engineering and Management, Mallasandra, Bangalore 62, on 5th May 2015
3. “*Conductance Study on Solvation Behaviour of Tetrabutyl Ammonium Bromide in 2- Ethoxy Ethanol+Water Mixtures AT 288.15K - 318.15K*”, in international conference (ICETCS- 2017), held at Manipal University during 16th to 18th September 2107
4. “*Acoustical studies on molecular interactions of tetra butyl ammoniumbromide in 2-ethoxyethanol and water mixtures at 288.15k to 318.15k*” in International Conference (ICRDESHM-2017) held at Panjab University Campus, Chandigarh.

• Details of Professional Activities

Professional activity	University	Duration
Co – Investigator for VTU Project	Visveswaraya Technological University, Belagavi	2010 to 2014

• Faculty Development Programmes (FDP) Participated			
SL. No.	Program Title	Venue	Date & Year
1.	FDP	KVG College of Engineering, Sullia	March 2007 (Five days)

• Workshops / Short-term Course Attended			
SL. No.	Workshop Title	Place	Date & Year
1.	New model curriculum for 1 st year BE detailed syllabus as per OBE format	SCEM – Mangalore	19 th May 2018

• No. of Project Guided			
NIL			

• Responsibilities Taken in College Level			
Event	Positions	Duration	
		From	To
Student mentoring wing	Department Coordinator	June 2013	Till date
Annual sports committee	Member	2015-16	
Women redressal cell	Member	2016	Till date
Orientation programme for I year students	Resource person	2017	-----
NBA	Criteria 9 (Coordinator)	2019	-----
1 st year induction programme	Chief Coordinator	August 2019	-----

• Responsibilities Taken in Department Level		
Event	Role	Duration

		From	To
NAAC	In – charge	2014	-----
HOD	In – charge	2014	2015
HOD	In – charge	2018	Till date
NBA	Co-ordinator	2019	Till date
Research Lab	In – Charge	2015	Till date
Time table	Co-ordinator	2012	2014

• Participation details in the college level event.

SL .No.	Event	Position / Role
1.	College sports meet	Participated in the sports events like throwball, tug of war
2.	Culture fest	Judge
3.	RTAM Conference (2009-10)	Registration Committee

• Participation details in the Department level activities

SL .No.	Event	Role / Responsibilities
1.	Counseling	Counselor for 1 st year Students
2.		

• No. of Lab Manual / Program Guidelines Prepared

SL. No.	Lab manual / Guide lines Title	Semester and branch	Year
1.	Engineering Chemistry lab	I/II	2013 – Till date

• No. of Labs handled for UG and PG

SL. No.	Lab Title	Year	Semester & Branch
1.	Engg. Chemistry Lab	1997 to 2003 2009 – Till date	Ist Year
2.	Environment Lab	2008	VII CV

• Interaction with Outside World

Sl.No.	Responsibility	Event and Organizer	Date
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1.	Judge	Paper presentation during the National conference held at VCET Puttur	2015
2.	Internal QP Setting	Sahyadhri College of Engineering Manglore	2019 - 2020

• **Awards / Recognition / Achievements/ Others**

- Served as **External Deputy Chief Superintendent** at Vivekanada college of Engineering puttur, in 2011 related to VTU examination Work.
- Attended digital Valuation work of UG answer scripts from 2012 – Till date

Mrs. SUREKHA M, CHEMISTRY DEPT., KVGCE, SULLIA, D.K - 574 327

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