FACULTY PROFILE

Dr. RAMYA KUMARI C T

Assistant Professor
Department of Chemistry
Qualification : *M.Sc, Ph.D.,*
Areas of Specialization : *Physical Chemistry*
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Vision

My ideal career path is to work in a research university where both teaching and research are two inseparable components of higher education. I enjoy creating knowledge via continuous investigations in my research areas, but I also value passing knowledge onto others because it teaches, inspires, and leads to personal and societal growth.

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	**PhD**	Physical Chemistry	Kuvempu University	2018
2	**PG**	Chemistry	Kuvempu University	2010
3	**UG**	Physics, Chemistry, Mathematics	Govt. Science College, Chitradurga.	2008

Areas of Research Interest:

1	Physical Chemistry
2	Eelectrochemistry
3	Biosensors

Academic/Administrative Responsibilities:

1	**Convener,** Human rights committee, D R M Science College, Davanagere – 577 004.

Research Papers Published In Reputed Journals

1.	**Ramya kumari C T,** G.P. Mamatha and H.M. Santhosh, **"**Cyclic Voltammatric Studies of Trimethoprim at Sodium Dodecyl Sulphate Modified Carbon Paste Electrode", **International Journal of Pharmaceutical Chemistry,** 06 (05) (2016) .

2.	**Ramya kumari C T** and Ganjeenahalli Puttagiddappa Mamatha, **"**Electrochemical studies of Dicyclomine Hydrochloride at Cetyl trimethyl ammonium bromide Modified Carbon Paste Electrode", **Chemical Science Review Letters,** 5(19) (2016) 265-271.
3.	**Ramya kumari C T,** G.P. Mamatha and H.M. Santhosh, **"**Voltammetric detection of Trimethoprim at CTAB modified carbon paste electrode", **Chemcal Science Transactions**, 5(3) (2016) 619-626.
4.	**Ramya kumari C T** and Mamatha G P, "Electrocatalytic oxidation of tyrosine at cetyltrimethylammonium bromide modified carbon paste electrode" Journal de Afrikana, 3(5) ;2016, 336-349.
5.	**Ramya kumari C T** and G.P. Mamatha **"**SDS/poly(alanine) modified carbon paste electrode based voltammetric sensor for the detection of Norfloxacin", **International Journal of Pharmaceutical Chemistry,** 05 (07) (2015) 247-254.
6.	**Ramya kumari C T** and G.P. Mamatha, "Electrochemical Studies of Terbutaline Sulfate at Sodium Alpha Olefin Sulphonate Modified Carbon Paste Electrode", International Journal of Innovative Research and development, 2016, 5(11), 97-103.
7.	**Ramya kumari C T** and Mamatha G P., "Electrochemical Investigation Of Trimethoprim At Sodium Dodecyl Sulphate Modified Carbon Paste Electrode", ISBN-978-93-5254-057-0 , 2016, 80.

Research Papers presented in International/National Conference:	
1.	Presented paper on "Electrochemical Investigation of Trimethoprim at Sodium Dodecyl Sulphate Modified Carbon Paste Electrode", **Ramya kumari C T** and Mamatha G P, in UGC Sponsored National conference on "Emerging Trends in Analytical Techniques", held at Government Science College (Autonomous), Hassan on 28th and 29th March, 2016.
2.	Presented paper on "Electrochemical studies of Atorvastatin at Sodium Dodecyl Sulphate Modified Carbon Paste Electrode", **Ramya kumari C T** and Mamatha G P, in "International Conference on Nanotechnology - 2016 (ICNANO-2016)", held at VTU, Center for Postgraduate Studies, Muddenahalli, Bangalore on 21st–23rd April 2016.

3.	Presented paper on *"Electrocatalytic Oxidation of Tyrosine at Cetyltrimethylammoniumbromide Modified Carbon Paste Electrode"* **Ramya kumari C T** and Mamatha G P, in UGC Sponsored National conference on "Chemical and Bio-Chemical Aspects in Pharmaceutical Applications" held at Department of Pharmaceutical Chemistry, P.G.Centre, Kadur, on 23rd of April 2016.
4.	Presented paper on "Electrochemical studies of Dicyclomine Hydrochloride at Cetyltrimethyl ammonium bromide Modified Carbon Paste Electrode" by **Ramya kumari C T** and Mamatha G P,in the 2nd National Conference on "Fundamental and Applied Chemistryon" held on 4th June 2016 at Hotel Silver Palace, Salem, Tamil Nadu, India.
5.	Presented paper on "Electrochemical investigation of sulphamethoxazole at cationic surfactant cetyltrimethyl ammonium bromide modified carbon paste electrode" **Ramya kumari C T** and Mamatha G P in 'International conference on science and technology :Future challenges and solutions', held on 8th & 9th August 2016 at University of Mysore, Mysore, Karnataka.
6.	Presented paper on "Electrochemical studies of Terbutalinesulfate at Sodium Alpha Olefin Sulphonate Modified Carbon Paste Electrode", **Ramya kumari C T** and Mamatha G P in National Conference on "Recent Advances in Industrial Engineering and Applied Chemistry"(NCRAIEAC-2016), held on 21st & 22nd October 2016 at SSIT, Tumkur, Karnataka.
7.	Presented paper on *"Electrochemical Investigation of Tyrosine at sodium dodecyl sulfate Modified Carbon Paste Electrode",* **Ramya kumari C T** and Mamatha G P in International Conference on "Importance of Herbal Medicine in the Era of Globalization- A live demonstration" held on 21st & 23rdDecember 2016 at Sahyadri Science College (Auto), Shimoga, Kuvempu University, Karnataka, India.
8.	Presented paper on *"Electrochemical Studies of Sulfamethoxazole at surfactant Modified Carbon Paste Electrode By using Cyclic Voltammetry",* **Ramya kumari C T** and Mamatha G P in National Conference on "Chemistry for Sustainable Future" (NCCSF-2017) held on 27th & 28thJanuary 2017 at Sri Dharmasthala Manjunatheshwara College (Autonomous), Ujire, Dakshina Kannada, Karnataka.

9.	Presented paper on *"Electrochemical Determination of Tryptophan at Sodium Dodecyl Sulphate Modified Carbon Paste Electrode by Using Cyclic Voltammetry"*, **Ramya kumari C T** and Mamatha G Pin International Conference on "Green Chemistry & Nanotechnology Opportunities and Challenges - 2017" (GCNOC-2017) held on 27th & 28th February 2017 at St Aloysius College (Autonomous), Mangalore - 575003, Karnataka.
10.	Presented paper on *"Cyclic Voltammetry determination of Trimethoprim at Sodium alpha olefin sulfonate modified carbon paste electrode"*, **Ramya kumari C T** and Mamatha G P in National Conference on "Impact of Science and Techology on society and Economy" held on 8th - 10th March 2017 at Vijayanagara Sri Krishnadearaya University, Ballari - 583105, Karnataka.
11.	Presented paper on "Electrochemical Studies of Terbutaline Sulphate at Sodium Dodecyl Sulphate Modified Carbon Paste Electrode", **Ramya kumari C T** and Mamatha G P in National conference on "Recent Advancements in Nano – Science and Technology" held on 21st & 22nd April 2017 at Government Science College, Chitradurga-577501, Karnataka.
12.	Presented paper on "Electro catalytic oxidation of Epinephrine at SAOS modified carbon paste electrode", **Ramya kumari C T** and Mamatha G P in International Conference on "Applied Sciences, Engineering and Technology", held on 10th - 12th July 2017 at Manipal Institute of Technology, Manipal University, Manipal, India.
13.	Presented paper on "Cyclic Voltammetry determination of Tryptophan at Sodium Alpha Olefin Sulphonate Modified Carbon Paste Electrode by Using Cyclic Voltammetry" **Ramya kumari C T** and Mamatha G P in 5th National Conference on "Emerging Trends in Engineering, Research and Management" (NCETERM-2017) held on 8th & 9th September 2017 at GM Institute of technology, Davangere, Karnataka, India.
14.	Presented paper on "Electro catalytic oxidation of Epinephrine at SAOS modified carbon paste electrode" **Ramya kumari C T** and Mamatha G.P in National level Conference on "Recent Advances in Material Science", held on 5th February 2019 at Field Marshal K M Cariappa College, Madikeri-571201, Karnataka, India.

Workshops Attended:	
1.	Participated in National Workshop on "**Radiochemistry & Application of radioisotopes**", held on 20th – 26th September 2016 at Rani Channamma University, Belagavi, Karnataka.

Professional Membership	
1.	**Life member of "**The Indian Science Congress Association", Kolkata-700 017,India.
2.	**Life member of "**Society for Materials Chemistry", Bhabha Atomic Research Centre, Mumbai 400 085, India.
3.	**Life member of "**Society of Biological Chemists, Indian Institute of Science", Bangalore-560 012, India.

Personal Details		
Gender	Female	
Date of Birth	15/12/1987	
Contact details	**Address for Communication**	**Permanent address**
	Dr. Ramya Kumari C T, Assistant Professor, Department of Chemistry, D R M Science College, Davanagere-577 00.	**Dr. Ramya Kumari C T, Assistant Professor, "Chinnagiri Nilaya", Behind Old Jain Temple, Doddapet, Chitradurga-577501.**
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