

KODAGU UNIVERSITY
Jnana Kaveri Campus
Faculty CV

Name of the Faculty	Dr. Pushpanjali P A			
E-mail ID	papushpanjali@gmail.com			
Designation	Guest Faculty			
Date of Joining	18-01-2022			
Gender	Female			
Permanent Address	W/o Prasanna H A, Bapuji Extension, Kushalnagar-571234			
Department Name	CHEMISTRY			
Academic Profile	UG	PG	PhD	other
	BSc (PCM)	MSc in Industrial Chemistry	Chemistry	-
Total Experience in Years	Teaching	Industry	Research	
	03	-	04	
ResearchProfile				
Research areas	Electrochemical sensors			
Papers Published in Journals in numbers	National		International	
	01		21	
Papers Presented in Conferences in numbers	National		International	
	04		05	
Books Published/IPRs/ Patents	01			

National/International Journal Details:

- 1. Pushpanjali P A**, Manjunatha J G, Srinivas M T, Highly Sensitive Platform Utilizing poly(L-Methionine) Layered Carbon Nanotube Paste Sensor for the Determination of Voltaren. (**FlatChem**, 24, 2020, 100207, **DOI:** 10.1016/j.flatc.2020.100207, **ISSN:** 2452-2627, **I.F.:** 5.829)
- 2. Pushpanjali P A**, Manjunatha J G, Hareesha N, Edwin S D' Souza, Charithra M M, Prinit N S, Voltammetric Analysis of Antihistamine Drug Cetirizine and Paracetamol at poly(L-Leucine) Layered Carbon Nanotube Paste Electrode. (**Surfaces and Interfaces**, 24, 2021, 101154, **DOI:** 10.1016/j.surfin.2021.101154, **ISSN:** 2468-0230, **I.F.:** 6.137)
- 3. Pushpanjali P A**, Manjunatha J G, Hareesha N, Amrutha B M, Raril C, Zeid A ALOthman, Amer M Alanazi, Anup Pandith, Fabrication of poly (L-Aspartic acid) Layer on graphene nanoplatelets paste electrode for riboflavin sensing. (**Materials Chemistry and Physics**, 276, 2021, 125392, **DOI:** <https://doi.org/10.1016/j.matchemphys.2021.125392>, **ISSN:** 0254-0584, **I.F.:** 4.778)
- 4. Pushpanjali P A**, Manjunatha J G, Development of Polymer Modified Electrochemical Sensor for the Determination of Alizarin Carmine in the Presence of Tartrazine. (**Electroanalysis**, 32, 2020, 2474–2480, **DOI:** 10.1002/elan.202060181, **ISSN:** 1521-4109, **I.F:** 3.077)
- 5. Pushpanjali P A**, Manjunatha J G, Nagaraja Sreeharsha, Syed Mohammed Basheeruddin Asdaq, Md. Khalid Anwer, A Highly Responsive Voltammetric Methodology for the

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- Sensing of Antihistamine Drug Cetirizine on the Surface of Cetrimonium Bromide Immobilized Multi-Walled Carbon Nanotube Electrode. (**Journal of Materials Science: Materials in Electronics**, **2021**, 1–12, **DOI:** 10.1007/s10854-021-06751-3, **ISSN:** 573-482X, **I.F.:** 2.779)
6. **Pushpanjali P A**, Manjunatha J G, Srinivas M T, The Electrochemical Resolution of Ciprofloxacin, Riboflavin and Estriol using Anionic Surfactant and Polymer Modified Carbon Paste Electrode. (**ChemistrySelect**, *46*, **2019**, 13427–13433, **DOI:** 10.1002/slct.201903897, **ISSN:** 2365-6549, **I.F:** 2.307)
 7. **Pushpanjali P A**, Manjunatha J G, Amrutha B M, Hareesha N, Development of Carbon Nanotube Based Polymer Modified Electrochemical Sensor for the Voltammetric Study of Curcumin. (**Materials Research Innovations**, **2020**, 1–9, **DOI:** 10.1080/14328917.2020.1842589, **ISSN:** 1432-8917, **I.F:** 0.524)
 8. **Pushpanjali P A**, Manjunatha J G, Girish T, Santosh F, Poly(Niacin) Based Carbon Nanotube Sensor for the Sensitive and Selective Voltammetric Detection of Vanillin with Caffeine. (**Analytical and Bioanalytical Electrochemistry**, *12*, **2020**, 553–568, **ISSN:** 2008-4226, **I.F:** 0.318)
 9. **Pushpanjali P A**, Manjunatha J G, A Sensitive Novel Approach towards the Detection of 8-Hydroxyquinoline at Anionic Surfactant Modified Carbon Nanotube Based Biosensor: A Voltammetric Study. (**Physical Chemistry Research**, *7*, **2019**, 813–822, **DOI:** 10.22036/pcr.2019.198397.1663, **ISSN:** 2345-2625, **Cite score:** 1.5)
 10. **Pushpanjali P A**, Manjunatha J G, Electroanalysis of Sodium Alizarin Sulfonate at Surfactant Modified Carbon Nanotube Paste Electrode: A Cyclic Voltammetric Study. (**Journal of Materials and Environmental Science**, *10*, **2019**, 939–947, **ISSN:** 2028-2508)
 11. **Pushpanjali P A**, Manjunatha J G, Raril C, Ravishankar D K, Determination of Indigo Carmine at poly(Adenine) Modified Carbon Nanotube Paste Electrode. (**Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences**, *5*, **2019**, 820–832, **DOI:** 10.26 479/2019.0501.68, **ISSN:** 2454-6348)
 12. **Pushpanjali P A**, Manjunatha J G, Hareesha N, Girish T, Abdullah A Al-Kahtani, Ammar Mohamed Tighezza, Narges Ataollahi, Electrocatalytic Determination of Hydroxychloroquine Using Sodium Dodecyl Sulphate Modified Carbon Nanotube Paste Electrode. (**Topics in Catalysis**, **2022**, 1-9, **DOI:** 10.1007/s11244-022-01568-8, **ISSN:** 1572-9028 **I.F:** 2.781)

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- 13. Pushpanjali P A**, Manjunatha J G, Hareesha N, An Overview of Recent Developments of Carbon Based Sensors for the Analysis of Drug Molecules. (**Journal of Electrochemical Science and Engineering**, *11*, **2021**, 161–177, **DOI**: 10.5599/jese.999, **ISSN**: 1847-9286, **Cite score: 2.3**)
- 14.** Hareesha N, Manjunatha J G, Amrutha B M, **Pushpanjali P A**, Charithra M M, Prinith N S, Electrochemical Analysis of Indigo Carmine in Food and Water Samples using a poly(Glutamic Acid) Layered Multi-Walled Carbon Nanotube Paste Electrode. (**Journal of Electronic Materials**, *50*, **2021**, 1230-1238, **DOI**: 10.1007/s11664-020-08616-7, **ISSN**: 0361-5235, **I.F.:** 2.047)
- 15.** Amrutha B M, Manjunatha J G, Aarti S B, **Pushpanjali P A**, Fabrication of a Sensitive and Selective Electrochemical Sensing Platform Based on poly-L-Leucine Modified Sensor for Enhanced Voltammetric Determination of Riboflavin. (**Journal of Food Measurement and Characterization**, *14*, **2020**, 3633–3643, **DOI**: 10.1007/s11694-020-00608-9, **ISSN**: 2193-4134, **I.F.:** 3.006)
- 16.** Amrutha B M, Manjunatha J G, Aarti S B, Raril C, **Pushpanjali P A**, Electrochemical Sensor for the Determination of Alizarin Red S at Non-ionic Surfactant Modified Carbon Nanotube Paste Electrode. (**Physical Chemistry Research**, *7*, **2019**, 523–533, **DOI**: 10.22036/pcr.2019.185875. 1636, **ISSN**: 2345-2625, **Cite score: 1.5**)
- 17.** Edwin S D' Souza, Manjunatha J G, Raril C, Girish T, **Pushpanjali P A**, Polymer Modified Carbon Paste Electrode as a Sensitive Sensor for the Electrochemical Determination of Riboflavin and its Application in Pharmaceutical and Biological Samples. (**Analytical and Bioanalytical Chemistry Research**, *7*, **2020**, 461-472, **DOI**: 10.22036/ABCR.2020.214 882.1445, **ISSN**: 2383-093X, **Cite Score: 1.4**)
- 18.** Girish T, Manjunatha J G, **Pushpanjali P A**, Prinith N S, Ravishankar D K, Siddaraju G, Poly (DL-Valine) Electropolymerized Carbon Nanotube Paste Sensor for Determination of Antihistamine Drug Cetirizine. (**Journal of Electrochemical Science and Engineering**, *11*, **2021**, 27–38, **DOI**: 10.55 99/jese.934, **ISSN**: 1847-9286, **Cite score: 2.3**)
- 19.** Manjunatha J G, Raril C, Hareesha N, Charithra M M, **Pushpanjali P A**, Girish T, Ravishankar D K, Mallappaji S C, Jayarame Gowda, Electrochemical Fabrication of poly(Niacin) Modified Graphite Paste Electrode and its Application for the Detection of Riboflavin. (**The Open Chemical Engineering Journal**, *14*, **2020**, 90-98, **DOI**: 10.2174/1874123 102014010090, **ISSN**: 1874-1231)

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20. Harshitha B T, Manjunatha J G, **Pushpanjali P A**, Karthik C S, Sandeep S, Mallu P, Edwin S D' Souza, Nagaraja Sreeharsha, Syed Mohammed Basheeruddin Asdaq, Md Khalid Anwer, Efficient Electrochemical Determination of Catechol with Hydroquinone at poly(L-Serine) Layered Carbon Paste Electrode. (**ChemistrySelect**, 6, 2021, 6764–6772, **DOI**: 10.1002/slct.202101809, **ISSN**: 2365-6549, **I.F**: 2.307)
21. Charithra M M, Manjunatha J G, Prinith N S, **Pushpanjali P A**, Girish T, Hareesha N, Electroanalytical Determination of Tinidazole by Using Surface Modified Carbon Nano Composite Based Sensor. (**Materials Research Innovations**, 2020, 1–10, **DOI**: 10.1080/14328917.2021.1969723, **ISSN**: 1432-8917, **I.F**: 0.524)
22. Hareesha N, Manjunatha J G, **Pushpanjali P A**, Prinith N S, Charithra M M, Sreeharsha N, Asdaq S M, Md Anwer, Electrochemical sensing of antibiotic drug amoxicillin in the presence of dopamine at simple and selective carbon paste electrode activated with cetyltrimethylammonium bromide surfactant. (**Monatshefte für Chemie - Chemical Monthly**, 153, 2022, 31–38, **DOI**: 10.1007/s00706-021-02870-z, **I.F.:** 1.613)

State/National/International level Conference Details:

1. International conference on "Current Concepts on the Role of Indian Medicine and Phytoceuticals in Maintenance of Health" organized by Mangalore University and Indian Association of Biomedical Scientists, at P G Center, Chikka Aluvara from 15th–17th November 2018.
2. National conference on "Recent Advances in Material Science" organized by the Dept. of Chemistry, Field Marshal K M Cariappa College, Madikeri on 5th February 2019.
3. National conference on "Recent Innovations in Medicinal and Material Chemistry" organized by the Dept. of Studies in Chemistry, University of Mysore on 8th and 9th of March 2019.
4. National conference on "Advanced Materials for Health, Energy and Environment" organized by the Dept. of Chemistry, JSS Science and Technology University on 6th and 7th September 2019.
5. International conference on "Advances in Chemical and Materials Sciences" organized by the Dept. of Studies in Chemistry, Mangalore University from 17th to 19th October 2019.
6. International conference on "Electrochemistry in Industry, Health and Environment" organized by the Indian Society of Electro Analytical Chemistry, Bhabha Atomic Research Centre, Mumbai from 21st to 25th January, 2020.

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7. National conference on "Recent Novel Approaches in Chemical Sciences" organized by the Dept. of Chemistry, Field Marshal K M Cariappa College, Madikeri on 12th February 2020.
8. International conference on "Advanced Materials and Their Applications" organized by the Research Dept. of Chemistry, V. O. Chidambaram College, Thoothukudi, Tamilnadu on 29th and 30th September, 2022
9. International conference on "Recent Advancements in Chemistry" organized by the Dept. of Chemistry, Field Marshal K M Cariappa College, Madikeri on 23rd November 2022.

Books Published Details:

1. Manjunatha J G, Raril C, Prinith N S, **Pushpanjali P A**, Charithra M M, Girish T, Hareesha N, Edwin S D' Souza, Amrutha B M, Fabrication, Characterization and Application of poly(Acriflavine) Modified Carbon Nanotube Paste Electrode for the Electrochemical Determination of Catechol. (**Handbook of Nanomaterials for Sensing Applications**, Elsevier, **2021**, 105–117, **DOI:** 10.1016/B978-0-12-820783-3.00022-1, **ISBN:** 978-0-12-820783-3)

If any Others.

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