


CAUVERY INSTITUTE OF TECHNOLOGY, MANDYA

Faculty Information

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| Name of the Faculty | Dr. B.P. SIDDARAJU |  |
| Designation | Professor and Head | |
| Department | Engineering Chemistry | |
| Specialization or Area of Interest | Teaching and Research | |
| Contact Number | 9008272697 | |
| Email ID | bpsiddaraju@yahoo.co.in | |

Academic Details

| | | |
|-------|--------------------|-----------|
| Ph. D | University: Mysuru | Year:2012 |
| M. Sc | University: Mysuru | Year:1997 |
| B. Sc | University: Mysuru | Year:1995 |

Professional & Industrial Experience

| Institution or Company | Designation or Role | Period |
|------------------------|---------------------|--------|
| No | No | Nil |
| | | |

Research Publications in Journals, Conferences

| Number of publications | National | International |
|------------------------|----------|---------------|
| Journals | 04 | 48 |
| Conferences | 05 | 04 |

Sponsored Research Projects

| Project Name or title | Project Funded by | Grants Sanctioned | Grants Received |
|-----------------------|-------------------|-------------------|-----------------|
| Nil | No | No | No |

Additional Responsibilities Handled

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List of Publications

| Paper title | Journal Name | Volume No. | Issue No. | Page No. | Year of Publication | DOI |
|--|----------------------|------------|-----------|----------|---------------------|-----|
| 1. 2-Bromo-5-methoxy- <i>N'</i> -[(<i>E</i>)-(4-nitrophenyl) methylene] benzohydrazide | Acta Crystallography | | E63 | o3522 | 2007 | |
| 2. 2-Chloro- <i>N</i> -[4-chloro-2-(2-chlorobenzoyl) phenyl] acetamide | Acta Crystallography | | | | | |
| 3. 4-(4-Chlorophenyl) piperidin-4-ol | Acta Crystallography | | E66 | o562 | 2010 | |

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|--|---------------------------|--|-----|------------------|------|--|
| 4. Valyl benzyl ester chloride | Acta Crystallography | | E66 | o324 | 2010 | |
| 5. Orphenadrinium picrate picric acid | Acta Crystallography | | E66 | o682 - o683 | 2010 | |
| 6. 10,10-Dimethylantrone | Acta Crystallography | | E66 | o808 - o809 | 2010 | |
| 7. Bis[4-(4-chlorophenyl)-4-hydroxypiperidinium] dipicrate dimethyl sulfoxide solvate. | Acta Crystallography | | E66 | o1212 - o1213 | 2010 | |
| 8. The Crystal Structure of Fluphenazinium Dipicrate Dimethylsulphoxide Solvate | J Chem Crystallography | | | | | . DOI 10.1007/s1087 0-010-9773-z |
| 9. 4-(4-Chlorophenyl)-4-hydroxypiperidinium maleate maleic acid solvate | Acta Crystallography | | E66 | o2012 - o2013 | 2010 | |
| 10. Opipramol dipicrate | Acta Crystallography | | E66 | o1979 - o1980 | 2010 | |
| 11. (2-Methylphenyl)(phenyl)methanol | Acta Crystallography | | E66 | o2136 | 2010 | |
| 12. Orphenadrinium picrate | Acta Crystallography | | E67 | o190 - o191 | 2011 | |
| 13. (2 <i>E</i>)-3-[4-(Dimethylamino)phenyl]-1-(4-fluorophenyl) prop-2-en-1-one | Acta Crystallography | | E67 | o313 - o314 | 2011 | |
| 14. Enrofloxacinium picrate. | Acta Crystallography | | E67 | o432 - o433 | 2011 | |
| 15. (2 <i>E</i>)-3-(3-Bromo-4-methoxyphenyl)-1-(4-fluorophenyl) prop-2-en-1-one | Acta Crystallography | | E67 | o1090 | 2011 | |
| 16. (2 <i>E</i>)-3-(3-Bromo-4-methoxyphenyl)-1-(4-methylphenyl) prop-2-en-1-one | Acta Crystallography | | E67 | o1024 | 2011 | |
| 17. 4-(4-Chlorophenyl)-4-hydroxypiperidinium benzoate | Acta Crystallography | | E67 | o1436 | 2011 | |
| 18. 4-(4-Chlorophenyl)-4-hydroxypiperidinium 2-(2-phenylethyl) benzoate | Acta Crystallography | | E67 | o1726 | 2011 | |
| 19. 2-Chloro- <i>N</i> -[2-(2-fluorobenzoyl)-4-nitrophenyl]- <i>N</i> -methylacetamide | Acta Crystallography | | E67 | o2537 - o2538 | 2011 | |
| 20. Tramadol hydrochloride-benzoic acid (1/1) | Acta Crystallography | | E67 | o2351 | 2011 | |
| 21. 9,9-Dimethyl-9,10-dihydroanthracene | Acta Crystallography | | E67 | o2397 | 2011 | |

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|--|--|-------|----------|--------------------|------|--|
| 22. Opipramol dihydrochloride | Acta Crystallography | | E67 | o2994 - o2995 | 2011 | |
| 23. 2-(2-Benzylphenyl) propan-2-ol | Acta Crystallography | | E67 | o3302 | 2011 | |
| 24. 1, 3-Bis(biphenyl-4-yl)-2,2-dibromo-3-oxopropyl acetate | Acta Crystallography | | E68 | o362 - o363 | 2012 | |
| 25. Tramadolium picrate | Acta Crystallography | | E68 | o600 | 2012 | |
| 26. Orphenadrinium dihydrogen citrate | Acta Crystallography | | E69 | o248 | 2013 | |
| 27. Amicarbazone | Acta Crystallography | | E69 | o603 | 2013 | |
| 28. Methyl 2-{2-[(2-methylphenoxy)methyl] phenyl}-2-oxoacetate | Acta Crystallography | | E69 | o671 | 2013 | |
| 29. 1-(3-Oxo-3-phenylpropyl) piperidinium chloride | Acta Crystallography | | E69 | o1748 | 2013 | |
| 30. 2-Nitrobenzyl methanesulfonate | Acta Crystallography | | E70 | o616 | 2014 | |
| 31. Studies of synthesis and biological activity of N- (aryl-methylene) substituted benzocoumarin -3-carbohydrazide. | International research journal of applied sciences | Vol.1 | Issue-1. | 8-14 | 2014 | |
| 32. Bis(2-bromobenzyl) ether | Acta Crystallography | | E70 | o765 | 2014 | |
| 33. Crystal structure of 2-cyano-N-(furan-2-ylmethyl) acetamide. Corrigendum | Acta Crystallography | | E71 | o455 - o456 | 2015 | |
| 34. Crystal structure of 2-cyano-N-(furan-2-ylmethyl) acetamide | Acta Crystallography | | E71 | o455 - o456 | 2015 | |
| 35. Crystal structure of 2-cyano-N-(furan-2-ylmethyl)-3-(3-nitrophenyl) propanamide | Acta Crystallography | | E71 | o568 - o569 | 2015 | |
| 36. Crystal structure of {[2-hydroxy-2-(3-methoxyphenyl) cyclohexyl]methyl} dimethylammonium benzoate | Acta Crystallography | | E71 | o864 - o865 | 2015 | |
| 37. Tramadolium 2-chlorobenzoate | IUCrData | 1 | x | 160014 | 2016 | |
| 38. 4-Chloro-1-[2-(2-chlorophenyl)ethyl]-2-nitrobenzene | IUCrData | 1 | x | 160014 | 2016 | |
| 39. 4-Chloro-2-nitro-1-(2-phenylethyl) benzene | IUCrData | 2 | x | 170547 | 2017 | |
| 40. Crystal structure and Hirshfeld surface analysis of a pyridinium bromide salt: 1- | Acta Crystallography | | E74 | o752 - o756 | 2018 | |

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| [2-([1,1'-biphenyl]-4-yl)-2-oxoethyl]-3-methyl-1,4-dihydropyridin-4-iminium bromide | | | | | | |
| 41. Crystal structure and Hirshfeld surface analysis of (2 <i>E</i>)-3-(3-chlorophenyl)-1-(3,4-dimethoxyphenyl) prop-2-en-1-one | Acta Crystallography | | E74 | o935 - o938 | 2018 | |
| 42. Crystal structure and Hirshfeld surface analysis of (2 <i>E</i>)-3-(3-bromo-4-fluorophenyl)-1-(3,4-dimethoxyphenyl) prop-2-en-1-one | Acta Crystallography | | E74 | o1063 - o1066 | 2018 | |
| 43. Crystal structure and Hirshfeld surface analysis of (<i>E</i>)-3-(2-chloro-4-fluorophenyl)-1-(2,5-dichlorothiophen-3-yl) prop-2-en-1-one | Acta Crystallography | | E74 | o1134 - o1137 | 2018 | |
| 44. Crystal structure and Hirshfeld surface analysis of (2 <i>E</i>)-3-(2,4-dichlorophenyl)-1-(2,5-dichlorothiophen-3-yl) prop-2-en-1-one | Acta Crystallography | | E74 | o1201 - o1205 | 2018 | |
| 45. Rutenium (III) catalysed oxidation of niacin by chloramine – b in hydrochloric acid medium: a kinetic study | International journals of current research | vol.10, | issue.01 | pp.63806 – 63811 | 2018 | |
| 46. Crystal structure and Hirshfeld surface analysis of (<i>E</i>)-3-(2-chlorophenyl)-1-(2,5-dichlorothiophen-3-yl) prop-2-en-1-one | Acta Crystallography | | E75 | o124 - o128 | 2019 | |
| 47. Crystal structure and Hirshfeld surface analysis of a bromo-chalcone: (<i>E</i>)-1-(3-bromophenyl)-3-(2,6-dichlorophenyl) prop-2-en-1-one | Acta Crystallography | | E75 | o164 - o167 | 2019 | |
| 48. (<i>Z</i>)-1-Benzoyl-5-benzylidene-2-hydroxy-4-oxo-4,5-dihydro-1 <i>H</i> -pyrrole-3-carbonitrile | IUCrData | 4 | x | 190220 | 2019 | |
| 49. Solid state and Computational studies of Ambroxol hydrochloride drug | Chemical Data Collections | volume-27 | | 100377 | 2020 | DOI.org/10.1016/j.cdc |
| 50. A solid-state analysis of Metformin Picrate salt | Chemical Data Collections | volume-30 | | 100577 | 2020 | DOI: org/10.1016/j.cdc. |