

CURRICULUM – VITAE

Name	DR. H.C. DEVARAJEGOWDA	
Designation	Associate Professor	
Subject	Physics	
College	Yuvaraja's College (Constituent College) University of Mysore, Mysore.	
Date of Birth	July 20. 1964	
Nationality	Indian	
Gender	Male	
Marital Status(Children)	Married (One Daughter and One Son)	
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Date of Permanent Appointment	September 5, 1992.	
Date of reporting Duty	September 5, 1992.	
Professional Objectives	Teaching and Research	
Bachelor of Science	1986	University of Mysore, Mysore, India
Master of Science	1988	University of Mysore, Mysore, India
Ph.D in Physics	1999	University of Mysore, Mysore, India

Ph.D Thesis

- ❖ **Title: Crystal and Molecular Structure of some Drug Molecules and Metal Complexes**

Experience

1. Working as a **Controller of Examinations**, Yuvaraja's College (Constituent & Autonomous College), University of Mysore, Mysuru since 27.12.2017.
2. Worked as a **Anti-Ragging Committee Member** under UGC guidelines, Yuvaraja's College (Constituent & Autonomous College), University of Mysore, Mysore of the academic year 2017-18.
3. Worked as a **Board of Studies in 5-year integrated M. Sc in Molecular Biology(PG)** Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore of the academic year 2016-17.
4. Worked as a **Board of Studies Member Govt. College for Women (Autonomous)**, Mandya during 2016 - 17.
5. Worked as a **Head of the Department (UG & PG)**, Department of Physics, Yuvaraja's College (Constituent & Autonomous College), University of Mysore, Mysore during 2014 -2016.
6. Worked as a **Board of Examination Member in 5-year integrated M. Sc in Molecular Biology (PG)** Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore of the academic year 2014-15.
7. Worked as a **Board of Examination Chairman (PG)**, Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore during 2014 -2015.
8. Worked as a **Board of Studies Chairman (UG & PG)**, Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore during 2014 -2016.
9. Worked as a **Board of Studies Member (PG)**, Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore of the academic year 2016-17.
10. Worked as a **Chief Jury member**, for **INSPIRED AWARD** the primary & High school students District Level Science Exhibition during 2012 -2013
11. Worked as a one of the jury members in, **District Level Science Exhibition** on 30.10.2010 at Government Pre-University College, Srirangapatna, Mandya District, Karnataka, India.
12. Worked as an **Academic Council Member**, Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore during 2008 -2010 & 2014 -2016.
13. Worked as a **Board of Studies Member**, Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore during 2008-2010.
14. Worked as a **Board of Examination Member**, Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore of the academic year 2009-2010, 2013-14 & 2017-18.
15. Worked as a **Board of Examination Chairman**, Yuvaraja's College (Constituent College & Autonomous College), University of Mysore, Mysore during 2008-2009 &2015-2016.
16. Worked as a **Co-ordinator (Admin)**, Centre for Outreach Programme, University of Mysore, Mysore during January 2006 to October 30, 2006.
17. Promoted as an **Associate Professor of Physics** since September 6, 2006.

18. Deputed as a **Co-ordinator (Administration)**, Directorate of Distance Education Programme, University of Mysore, Mysore during April 4, 2005 to October 30, 2006
19. Recognition as a **Research Guide** since January 5, 2005.
20. Worked as an **External Physics Practical Examiner** in M.Sc Physics of Kuvempu University (Study Centre: St. Philomena's College, Mysore).
21. Promoted as a **Selection Grade Lecturer in Physics** since September 6, 2003.
22. Worked as a **NCC Officer (Caretaker)**, Yuivaraja's College, University of Mysore, Mysore under the battalion
23. Ph. D awarded in April 30, 1999 – the thesis entitled “**Crystal and Molecular Structure of some Drug Molecules and Metal Complexes**” under the supervision of Professor J. Shashidhara Prasad, Department of Studies in Physics, Manasagangothri, University of Mysore, Mysore.
24. Promoted as a **Senior Scale Lecturer in Physics** on September 6, 1998.
25. Deputed as a One Year **Teacher Fellow** Under the scheme of FIP UGC VIII Plan Teacher Fellowship for the completion of Ph. D work in the year 1996.
26. Working as a **Teaching faculty**, Department of Physics, Yuvaraja's College (Constituent College), University of Mysore, Mysore on the permanent basis since September 5, 1992.
27. Worked as a **Full-Time Lecturer**, Department of Physics, Malnad College of Engineering, Hassan on consolidated salary basis from April 17, 1990 to September 4, 1992.
28. Worked as a **Part-Time Lecturer**, Department of Physics, Malnad College of Engineering, Hassan from November 4, 1988 to April 16, 1990.
29. Familiarity in handling Four Circle Diffractometer for X-ray diffraction data collection and alignment. Structure determination of small molecules of using packages like SIR-92, SHELXS-86, SHELXS-97, SHELXL-97, DIRDIF, PLATON, WINGX, PLUTON, MERCURY etc.

PUBLICATIONS

1. Saba Kauser J. Shaikh, Ravindra R. Kamble, Shilpa M. Somagond, **H.C. Devarajegowda**, Sheshagiri R. Dixit, Shrinivas D. Joshi (2017), *Tetrazolylmethyl quinolines: Design, docking studies, synthesis, anticancer and antifungal analyses*. **Elsevier: European Journal of Medicinal Chemistry**, Vol.128, 258-273.
2. Pramod P Kattimani, Ravindra R Kamble, Atukuri Dorababu, Raveendra K Hunnur, Atulkumar A Kamble, **H C Devarajegowda** (2017), *C5-Alkyl-1,3,4-Oxadiazol-2-ones Undergo Dealkylation upon Nitrogen Insertion to Form 2H-1,2,4-Triazol-3-ones: Synthesis of 1,2,4-Triazol-3-one Hybrids with Triazolothiadiazoles and Triazolothiadiazines*. **Journal of Heterocyclic Chemistry**, 54 (4). pp. 2258-2265.
3. Gangadhar Y. Meti, Ravindra R. Kamble, Mahadev N. Kumbar, Saba Kauser J. Shaikh, Atulkumar A. Kamble, **Hirehalli. C. Devarajegowda**, Praveen K. Bayannavar (2017), *Synthesis of Tetrazole Regioisomers of Biphenyl as ACE Inhibitors*. **Modern Organic Chemistry Research**, Vol. 2, No. 2, 48-58.
4. A. J. Ravi, A. C. Vinayaka, K. R. Roopashree, M. P. Sadashiva and **H. C. Devarajegowda** (2017), *(Z)-1,4-Bis(2-chlorophenyl)-2-(methylsulfanyl)but-2-ene-1,4-dione*. **IUCrData** 2, x162047.
5. A. J. Ravi, M. Vinduvahini, A. C. Vinayaka, M. P. Sadashiva and **H. C. Devarajegowda**

- (2017), (Z)-2-(4-Methoxyanilino)-1,4-diphenylbut-2-ene-1,4-dione. **IUCrData** 2, x170043.
6. Suresh B. Vepuri, **H. C. Devarajegowda** and Mahmoud E. Soliman (2016), *Synthesis, characterization and molecular modelling of a novel dipyridamole supramolecule – X-ray structure, quantum mechanics and molecular dynamics study to comprehend the hydrogen bond structure–activity relationship*. Elsevier: **Journal of Molecular Structure**, Vol. 1105, 194–204.
 7. A. J. Ravi, A. C. Vinayaka, S. Kumar, M. P. Sadashiva and **H. C. Devarajegowda** (2016), (2E)-3-Anilino-1-(2-chlorophenyl)-3-(methylsulfanyl)prop-2-en-1-one. **IUCrData** 1, x161994.
 8. K. R. Roopashree, B. Inturi, G. V. Pujar, S. R. Prem Kumar and **H. C. Devarajegowda** (2016), N'-[(1E)-4-Hydroxy-3-methoxybenzylidene]isonicotinohydrazide-monohydrate, **IUCrData** 1, x161300.
 9. B. Inturi, K. R. Roopashree, G. V. Pujar, I. A. Mohammed and **H. C. Devarajegowda** (2016), 2-Methoxy-4-[3-(3-nitrophenyl)-4,5-dihydro-1H-pyrazol-5-yl]phenol. **IUCrData** 1, x160466.
 10. A. R. Anitha, K. R. Roopashree, K. M. Kumar, A. J. Ravi and **H. C. Devarajegowda** (2016), (5,7-Dimethyl-2-oxo-2H-chromen-4-yl)methyl morpholine-4-carbodithioate. **IUCrData** 1, x160169.
 11. A. J. Ravi, K. M. Kumar and **H. C. Devarajegowda** (2016), (7,8-Dimethyl-2-oxo-2H-chromen-4-yl)methyl piperidine-1-carbodithioate. **IUCrData** 1, x160171.
 12. M. Vinduvahini, B. R. Anitha, K. M. Kumar, O. Kotresh and **H. C. Devarajegowda** (2016), (6-Bromo-2-oxo-2H-chromen-4-yl)methyl diethylcarbomodithioate. **IUCrData** 1, x160015.
 13. Hosapalya Thimmaiah Srinivasa, Bandrehalli Siddagangappa Palakshamurthy, Devadasan Velmurugan, **Hirihalli Chickegowda Devarajegowda** and Suresh HariPrasad (2015), *Liquid/Single Crystal Structure Analysis: Synthesis and Characterization of a Trimethylsilyl Derived Rod Shaped Mesogen* **Acta Chim. Slov.** 62, 768–774.
 14. Kallappa. M. Hosamani, Dinesh S. Reddy & **Hirihalli. C. Devarajegowda** (2015), *Microwave-assisted synthesis of new fluorinated coumarin–pyrimidine hybrids as potent anticancer agents, their DNA cleavage and X-ray crystal studies* **RSC Advances: Royal Society of Chemistry**. Vol.5, 11261-11271.
 15. Dinesh S. Reddy, Kallappa M. Hosamani, **Hirihalli C. Devarajegowda** and Mahantesh M. Kurjogi (2015), *A facile synthesis and evaluation of new biomolecule-based coumarin–thiazoline hybrids as potent anti-tubercular agents with cytotoxicity, DNA cleavage and X-ray studies* **RSC Adv.**, Vol 5(79), 64566-6458.
 16. Dinesh S. Reddy, Kallappa M. Hosamani and **Hirihalli C. Devarajegowda** (2015), *Design, synthesis of benzocoumarin-pyrimidine hybrids as novel class of antitubercular agents, their DNA cleavage and X-ray studies* Elsevier: **European Journal of Medicinal Chemistry**, Vol.101 705-715.
 17. Atukuri Dorababu, Ravindra R. Kamble, **H. C. Devarajegowda** & Gangadhar Y. Meti (2015), *Ring Opening of Tetrazole via Unusual Vilsmeier-Haack Reaction Forming Novel Triazines* **Letters in Organic Chemistry**, Vol. 12, 122-128.
 18. Gangadhar Meti, Pramod Kattimani, Ravindra Kamble, **H. C. Devarajegowda**, Mahadev Kumbar, & D. Jagadeesh Prasad (2015), *Synthesis of 4H-pyrido [1, 2-a] pyrimidin-4-one derivatives as Anti-inflammatory agents* **World J. Pharm. Sci.** 3(2), 277-287.

19. B. R. Anitha, A. T. Gunaseelan, M. Vinduvahini, H. D. Kavitha and **H. C. Devarajegowda (2015)**, *Crystal structure of (7-fluoro-2-oxo-2H-chromen-4-yl)methyl morpholine-4-carbodithioate*. **Acta Cryst.** E71, o928-o929.
20. B. R. Anitha, M. Vinduvahini, A. J. Ravi and **H. C. Devarajegowda (2015)**, *Crystal structure of (2E)-1-(5-bromothiophen-2-yl)-3-(2-chlorophenyl)prop-2-en-1-one* **Acta Cryst.** E71, o930.
21. A. J. Ravi, A. C. Vinayaka, S. Jeyaseelan, M. P. Sadashiva and **H. C. Devarajegowda (2015)**, *Crystal structure of 5-(1-benzofuran-2-yl)-3-(4-methylphenyl)-4,5-dihydro-1,2-oxazol-5-ol* **Acta Cryst.** E71, o492-o493.
22. K. M. Kumar, K. R. Roopashree, M. Vinduvahini, O. Kotresh and **H. C. Devarajegowda (2015)**, *Crystal structure of (6-bromo-2-oxo-2H-chromen-4-yl)methyl morpholine-4-carbodithioate* **Acta Cryst.** E71, o489-o490.
23. H. D. Kavitha, M. Vinduvahini, N. M. Mahabhaleshwaraiah, O. Kotresh and **H. C. Devarajegowda (2015)**, *Crystal structure of (7-chloro-2-oxo-2H-chromen-4-yl)methyl N,N-dimethylcarbomodithioate* **Acta Cryst.** E71, o263-o264.
24. Rihanabanu, B. R. Anitha, T. G. Meenakshi, K. Mahesh Kumar and **H. C. Devarajegowda (2015)**, *Crystal structure of diethyl 2-[(2-sulfanylquinolin-3-yl)methylidene]malonate* **Acta Cryst.** E71, o594-o595.
25. K. R. Roopashree, T. G. Meenakshi, K. Mahesh Kumar, O. Kotresh and **H. C. Devarajegowda (2015)**, *Crystal structure of (7-methyl-2-oxo-2H-chromen-4-yl)methylpiperidine-1-carbodithioate* **Acta Cryst.** E71, o606-o607.
26. K. R. Roopashree, Gangadhar Y. Meti, Ravindra R. Kamble and **H. C. Devarajegowda (2015)**, *Crystal structure of 6-chloro-5-(2-chloroethyl)-3-(propan-2-ylidene)-indolin-2-one* **Acta Cryst.** E71, o592-o593.
27. **H. C. Devarajegowda**, P. A. Suchetan, S. Sreenivasa, H. T. Srinivasa and B. S. Palakshamurthy (2015), *Crystal structure of 4-bromophenyl 2-oxo-2H-chromene-3-carboxylate*. **Acta Cryst.** E71, o326-o327.
28. **H. C. Devarajegowda**, P. A. Suchetan, S. Sreenivasa, H. T. Srinivasa and B. S. Palakshamurthy (2015), *Crystal structure of 4-methoxyphenyl 2-oxo-2H-chromene-3-carboxylate*. **Acta Cryst.** E71, o374-o375.
29. **H. C. Devarajegowda**, P. A. Suchetan, S. Sreenivasa, H. T. Srinivasa and B. S. Palakshamurthy (2015), *Crystal structure of bis(4-methoxyphenyl) malonate* **Acta Cryst.** E71, o330-o331
30. **H. C. Devarajegowda**, B. S. Palakshamurthy, K. E. Manojkumar and S. Sreenivasa (2014), *Tert-Butyl 2-[[5-(4-cyanophenyl)pyridin-3-yl]sulfonyl]acetate*. **Acta Cryst.** E70, o415.
31. K. R. Roopashree, H. D. Kavitha, K. S. Katagi, O. Kotresh & **H. C. Devarajegowda (2014)**, *1,1',1'',1'''-(Oxydimethanetriyl)tetrakis(4-fluorobenzene)*. **Acta Cryst.** E70, o475.
32. V. B. Devaru, K. S. Katagi, O. Kotresh, H. K. Arunkashi & **H. C. Devarajegowda (2014)**, *N-(6-Chloro-1-methyl-1H-imidazo [4, 5-c]pyridin-4-yl)benzenesulfonamide*. **Acta Cryst.** E70, o445.
33. P. P. Kattimani, R. R. Kamble, M. N. Kumbar, H. K. Arunkashi & **H. C. Devarajegowda (2014)**, *1-(4-Chlorophenyl)-1H-1,2,4-triazol-5(4H)-one*. **Acta Cryst.** E70, o499.

34. B. S. Palaksha murthy, **H. C. Devarajegowda**, N. R. Mohan, S. Sreenivasa & P. A. Suchetan (2014), *6-(4-Fluorophenyl)-3-phenyl-7H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazine*. **Acta Cryst.** E70, o375.
35. K. R. Roopashree, K. M. Kumar, B. R. Anitha, A. J. Ravi & **H. C. Devarajegowda** (2014), *Ethyl (4-[(diethylcarbamothioyl)sulfanyl]methyl)-2-oxo-2H-chromen-7-yl)carbamate*. **Acta Cryst.** E70, o219-o220.
36. V. B. Devaru, M. Vinduvahini, M. Madaiah, H. D. Revanasiddappa and **H. C. Devarajegowda** (2014), *1-(6-Chloro-1-methyl-1H-imidazo[4,5-c]pyridin-4-yl)-3-(2-chlorophenyl)urea*. **Acta Cryst.** E70, o155-o156.
37. Lynnette Joseph, D. Sajana, K. Chaitanya, **H. C. Devarajegowda** & Jayakumary Isac (2013), *Density functional theory study, FT-IR and FT-Raman spectra and SQM force field calculation for vibrational analysis of 1, 3-Bis(hydroxymethyl)benzimidazole*. **Elsevier: Spectrochimica Acta Part A: Molecular and Bio molecular Spectroscopy** Vol 114, pp 432-440.
38. Reshma J Naik, Manohar V Kulkarni, B S Palakshamurthy & **H C Devarajegowda** (2013), Non-sulphur containing Z-1-chloro-3-coumarinyl-2-bromoethylenes from chlorosulfonation of 3-bromoacetyl coumarins. **Indian Journal of Chemistry. Vol. 52B(11)**, pp 1468-1472.
39. K. M. Kumar, M. Vinduvahini, N. M. Mahabaleshwaraiah, O. Kotresh & **H. C. Devarajegowda** (2013), *6-Methoxy-2-oxo-2H-chromen-4-yl)methylpiperidine-1-carbodi-thioate*. **Acta Cryst.** E69, o1683.
40. O. Kotresh, **H. C. Devarajegowda**, A. Shirahatti, K. M. Kumar & N. M. Mahabaleshwaraiah (2013), *7-Chloro-2-oxo-2H-chromen-4-yl) methylpyrrolidine-1-carbodi-thioate*. **Acta Cryst.** E69, o1684-o1685.
41. K. M. Kumar, N. M. Mahabaleshwaraiah, O. Kotresh, K. R. Roopashree & **H. C. Devarajegowda** (2013), *2-Oxo-2-(2-oxo-2H-chromen-3-yl)ethyl pyrrolidine-1-carbodi-thioate*. **Acta Cryst.** E69, o1382.
42. T. G. Meenakshi, J. Shylajakumari, **H. C. Devarajegowda**, K. M. Kumar & O. Kotresh (2013), *(7-Chloro-2-oxo-2H-chromen-4-yl)methyldiethylcarbamodithioate*. **Acta Cryst.** E69, o1431-o1432.
43. T. G. Meenakshi, **H. C. Devarajegowda**, K. M. Kumar, O. Kotresh & V. B. Devaru (2013), *2-Oxo-2-(2-oxo-2H-chromen-3-yl)ethyl diethyldithiocarbamate*. **Acta Cryst.** E69, o1454.
44. **H. C. Devarajegowda**, B. S. Palakshamurthy, H. N. Harishkumar, P. A. Suchetan & S. Sreenivasa (2013), *4-[4-(Heptyloxy)benzoyloxy]phenyl-2-oxo-7-trifluoromethyl-2H-chromene-3-carboxylate*. **Acta Cryst.** E69, o1355-o1356.
45. H. D. Kavitha, K. R. Roopashree, Suresh B. Vepuri, **H. C. Devarajegowda** & Venkatesh B. Devaru (2013), *(2E)-1-(5-Bromothiophen-2-yl)-3-(4-chlorophenyl)prop-2-en-1-one*. **Acta Cryst.** E69, o859.
46. Gangadhar Y. Meti, S. Jeyaseelan, R. R. Kamble, Atakuri Dorababu and **H. C. Devarajegowda** (2013), *5-[4-[(5-Benzyl-2H-tetrazol-2-yl)methyl]biphenyl-2-yl]-1H-tetrazolemonohydrate*. **Acta Cryst.** E69, o743-o744.
47. H. D. Kavitha, Sheetal B. Marganakop, Ravindra R. Kamble, K. R. Roopashree and **H. C. Devarajegowda** (2013), *N-[4-Acetyl-5-(4-fluorophenyl)-4,5-dihydro-1,3,4-thiadiazol-2-yl]acetamide*. **Acta Cryst.** E69, o701-o702.

48. B. S. Palakshamurthy, **H. C. Devarajegowda**, H. T. Srinivasa, S. Sreenivasa & Vijithkumar (2013), *4-(Decyloxy)phenyl 2-oxo-7-trifluoromethyl-2H-chromene-3-carboxylate*. **Acta Cryst.** E69, o621-o622.
49. S. P. Ambekar, **H. C. Devarajegowda**, J. ShylajaKumari, K. M. Kumar & O. Kotresh (2013), *3-(2-Bromoacetyl) phenyl benzoate*. **Acta Cryst.** E69, o322.
50. S. Sreenivasa, H. T. Srinivasa, B. S. Palakshamurthy, Vijith Kumar & **H. C. Devarajegowda** (2013), *4-Cyanobiphenyl-(4-yl)-7-diethylamino-2-oxo-2H-chromene-3-carboxylate*. **Acta Cryst.** E69, o266.
51. **H. C. Devarajegowda**, K. M. Kumar, S. Seenivasa, H. K. Arunkashi & O. Kotresh (2013), *(6-Methoxy-2-oxo-2H-chromen-4-yl)methyl morpholine-4-carbodithioate*. **Acta Cryst.** E69, o192.
52. B. S. Palakshamurthy, S. Sreenivasa, H. T. Srinivasa, K. R. Roopashree & **H. C. Devarajegowda** (2013), *4-(Octyloxy)phenyl 2-oxo-2H-chromene-3-carboxylate*. **Acta Cryst.** E69, o212.
53. G. Y. Meti, R. R. Kamble, A. J. Ravi, H. K. Arunkashi & **H. C. Devarajegowda** (2013), *2-[4-(Morpholin-4-ylmethyl)phenyl]benzotrile*. **Acta Cryst.** E69, o129.
54. Suresh B. Vepuri, **H. C. Devarajegowda**, S. Anbazhagan & Y. Rajendra Prasad (2012), *Induced Fit Docking (IFD) Study of the Solid State Structure of (2E)-1-(5-bromothiophen-2-yl)-3-[4-(dimethylamino) phenyl] prop-2-en-1-one - Fragment Based Design Approach for Human Aldose Reductase Inhibition*. **Letters in Drug Design & Discovery**. Vol. 9, No. 8, pp789-796.
55. B. S. Palakshamurthy, H. T. Srinivasa, V. Kumar, S. Sreenivasa & **H. C. Devarajegowda** (2012), *Methyl 4-benzyloxy-2-hydroxybenzoate*. **Acta Cryst.** E68, o3382.
56. S. B. Vepuri, **H. C. Devarajegowda**, S. Jeyaseelan, S. Anbazhagan & Y. R. Prasad (2012), *(2E)-3-(2-Bromophenyl)-1-(5-bromothiophen-2-yl)prop-2-en-1-one*. **Acta Cryst.** E68, o3456.
57. S. Sreenivasa, **H. C. Devarajegowda**, H. T. Srinivasa, V. Kumar & B. S. Palakshamurthy (2012), *4-Nitrophenyl 4-hydroxy-3-methylbenzoate*. **Acta Cryst.** E68, o3490.
58. O. Kotresh, K. M. Kumar, N. M. Mahabaleshwaraiah, H. K. Arunkashi & **H. C. Devarajegowda** (2012), *(3-Oxo-3H-benzo[f]chromen-1-yl)methylpiperidine-1-carbodithioate*. **Acta Cryst.** E68, o3167.
59. S. Jeyaseelan, **H. C. Devarajegowda**, R. Sathishkumar, A. S. D'souza & A. D'souza (2012), *3-Ethyl-6-(4-fluorophenyl)-7H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazine*. **Acta Cryst.** E68, o1860.
60. K. M. Kumar, N. M. Mahabaleshwaraiah, O. Kotresh, S. Jeyaseelan & **H. C. Devarajegowda** (2012), *Methyl N-{4-[(4-methoxyphenoxy)methyl]-2-oxo-2H-chromen-7-yl}carbamate*. **Acta Cryst.** E68, o1734.
61. N. M. Mahabaleshwaraiah, K. M. Kumar, O. Kotresh, W. F. A. Al-eryani & **H. C. Devarajegowda** (2012), *(6-Methoxy-2-oxo-2H-chromen-4-yl)methylpyrrolidine-1-carbodithioate*. **Acta Cryst.** E68, o1566.
62. **H. C. Devarajegowda**, S. Jeyaseelan, R. Sathishkumar, A. S. D'souza & A. D'souza, (2012), *4-[(E)-(4-Fluorobenzylidene)amino]-3-methyl-1H-1,2,4-triazole-5(4H)-thione*. **Acta Cryst.** E68, o1607.

63. K. M. Kumar, **H. C. Devarajegowda**, S. Jeyaseelan, N. M. Mahabaleshwaraiah & O. Kotresh (2012), *(5,7-Dimethyl-2-oxo-2H-chromen-4-yl)methyl-diethyl-dithiocarbamate* **Acta Cryst.** E68, o1657.
64. N. M. Mahabaleshwaraiah, K. M. Kumar, O. Kotresh, W. F. A. Al-eryani & **H. C. Devarajegowda** (2012), *(5, 7-Dimethyl-2-oxo-2H-chromen-4-yl)methylpyrrolidine-1-carbodithioate*. **Acta Cryst.** E68, o1584.
65. S. Jeyaseelan, **H. C. Devarajegowda**, R. Sathishkumar, A. S. D'souza & A. D'souza (2012), *3-Ethyl-4-[(E)-(4-fluorobenzylidene) amino]-1H-1, 2, 4-triazole-5(4H)-thione*. **Acta Cryst.** E68, o1407.
66. K. Sunitha, **H. C. Devarajegowda**, Waleed Fadl Ali Al-eryani, Y. Rajendra Prasad & A. Uma Mahesh Kumar (2012), *(2E)-1-(5-Bromothiophen-2-yl)-3-(2,3,4-trimethoxyphenyl)prop-2-en-1-one*. **Acta Cryst.** E68, o61.
67. M. Vinduvahini, S. Jeyaseelan & **H. C. Devarajegowda** (2011), *X-ray structure of poly substituted 1, 2-dihydropyridine derivative*. **Acta Cryst.** A67, C669.
68. **H. C. Devarajegowda** & M. Vinduvahini, (2011), *X-ray structure of 4-methoxybenzylideneamino-5-substituted triazole derivative*. **Acta Cryst.** A67, C668.
69. S. Jeyaseelan, M. Vinduvahini & **H. C. Devarajegowda** (2011), *Crystal structure of N-(4-heptylphenyl)acetamide*. **Acta Cryst.** A67, C669.
70. S. B. Vepuri, **H. C. Devarajegowda**, W. F. A. Al-eryani, K. Lavanya & S. Anbazhagan (2011), *(E)-1-(5-Bromothiophen-2-yl)-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-one*. **Acta Cryst.** E67, o3474.
71. M. Vinduvahini, B. K. Saha, Mahalakhmi, H. D. Revanasiddappa & **H. C. Devarajegowda** (2011), *N-{3-[2-(4-Fluorophenoxy)ethyl]-2,4-dioxo-1,3-diazaspiro[4.5]decan-7-yl}-4-methylbenzamide*. **Acta Cryst.** E67, o1440-o1441.
72. **H. C. Devarajegowda**, K. R. Roopashree, I. A. Mohammed, Mahalakshmi & R. Sankolli (2011), *4-Hydroxy-6-(4-methoxyphenyl)-4-phenyl-1,3-diazinane-2-thione*. **Acta Cryst.** E67, o815.
73. W. F. A. Al-Eryani, H. T. Srinivasa, S. Jeyaseelan, T. Sadashivaiah & **H. C. Devarajegowda** (2011), *4-(Benzyloxy)phenyl 4-hexadecyloxy-3-methoxybenzoate*. **Acta Cryst.** E67, o840.
74. **H. C. Devarajegowda**, H. K. Arunkashi, Suresh Babu Vepuri, N. Chidananda & V. D. Jagadeesh Prasad (2011), *6-Chloro-2-cyclopropyl-4-(trifluoromethyl)quinoline*. **Acta Cryst.** E67, o564.
75. **H. C. Devarajegowda**, P. Nagendra, S. Jeyaseelan, N. Chidanandac & Boja Poojary (2011), *1-Chloro-4-(3, 4-dichlorophenyl)-3, 4-dihydronaphthalene-2-carbaldehyde*. **Acta Cryst.** E67, o378.
76. H. T. Srinivasa, **H. C. Devarajegowda**, H. K. Arunkashi & T. G. Meenakshi (2010), *4-Ethoxyphenyl 4-[(methoxycarbonyl)oxy]benzoate*. **Acta Cryst.** E66, o3074.
77. **H. C. Devarajegowda**, H. D. Revanasiddappa, L. Shiva Kumar, V. Sumangala & V. D. Jagadeesh Prasad (2010), *2-[(E)-2-Hydroxybenzylidene]amino}-1H-isoindole-1,3(2H)-dione*. **Acta Cryst.** E66, o2703.
78. M. Vinduvahini, **H. C. Devarajegowda**, K. M. Mahadevan, T. G. Meenakshi & H. K. Arunkashi (2010), *Ethyl 3-oxo-3H-benzof[chromene]-2-carboxylate*. **Acta Cryst.** E66, o2658.

79. **H. C. Devarajegowda**, S. Jeyaseelan, V. Sumangala, Bojapoojary & Suresh P. Nayak (2010), *1-[1-[2,8-Bis(trifluoromethyl)-4-quinolyl]-5-methyl-1H-1,2,3-triazol-4-yl]ethanone*. **Acta Cryst.** E66, o2512–o2513.
80. **H. C. Devarajegowda**, Suresh Babu Vepuri, M. Vinduvahini, H. D. Kavitha & H. K. Arunkashi (2010), *Nicotinaldehyde[2,8-bis(trifluoromethyl)quinolin-4-yl]hydrazone monohydrate*. **Acta Cryst.** E66, o2237–o2238.
81. H. K. Arunkashi, B. S. Palaksha murthy, M. Vinduvahini, H. T. Srinivasa & **H. C. Devarajegowda** (2010), *4-Decylphenyl-4-benzyloxy-3-methylbenzoate*. **Acta Cryst.** E66, o2126.
82. Waleed Fedl Ali Al-eryani, J. Shylajakumari, H. K. Arunkashi, Suresh Babu Vepuri & **H. C. Devarajegowda** (2010), *3,4-Dimethoxybenzaldehyde[2,8-bis(trifluoromethyl)quinolin-4-yl]hydrazone*. **Acta Cryst.** E66, o1742.
83. H. K. Arunkashi, S. Jeyaseelan, Suresh Babu Vepuri, H. D. Revanasiddappa & **H. C. Devarajegowda** (2010), *Bis[N,N-dimethyl-1-(10H-pyrido[3,2-b][1,4]benzothiazin-10-yl)propan-2-aminium]tetrakis(thiocyanato-κN)cobaltate(II)*. **Acta Cryst.** E66, m772–m773.
84. S. Jeyaseelan, **H. C. Devarajegowda**, G. Venkatarama, M. Vinduvahini & Alphonsus D'souza (2010), *Crystal Structure Analysis of 1-(1-Benzofuran-2-yl)-3-(4-chlorophenyl)prop-2-en-1-one*. **Acta Cryst.** E66, o466.
85. **H. C. Devarajegowda**, S. A. Khanum, S. Jeyseelan, W. AI Eryani & J. Shylajakumari (2009), *Structure analysis of 4-benzoyl-2,5-dimethylphenoxyethylacetate*. **Acta Cryst.** E65, o2854–o2855.
86. **H. C. Devarajegowda**, V. Madhura, B. S. Palakshamurthy, S. Jeyaseelan & Manohar V. Kulkarni (2009), *1,3-Bis(hydroxymethyl) benzimidazolin-2-one*. **Acta Cryst.** E65, o2735.
87. Mallesha H., Ravikumar K.R., Sadashiva M. P, Rangappa K.S., **H. C Devarajegowda.**, Venkatesh B. Devaru., and Shashidhara Prasad J (2004), Crystal and molecular structure studies of 2-(3-chlorophenyl)-3,5-diphenylisoxazolidine. **J. Chem. Cryst. Vol.34**, pp.281-284.
88. Doreswamy B.H., Mahendra M., **H. C Devarajegowda.**, Devaru V.B., Sridhara M.A., Shashidhara Prasad J. (2004), Crystal Structure of 4-chromanone deriavative. **J. Anal. Sci.**, Vol. 20, pp.407.
89. Crystal Structure of 2,6-dimethyl-3,5-diethoxycarbonyl-4-(2'-chloro-7'-methyl-3-quinolyl)-1,4-dihydropyridine: Venkatesha B. devaru., **H.C Devarajegowda.**, Doreswamy B.H., Mahendra M., Anamik Shah., Sridhar M.A and Shashidhara Prasad J (2004), **J. Anal Sci.**, Vol.20, pp. x47.
90. Crystal structure of 2,6-dimethyl-3-cyanide-5-methylacetate-4-(4'-methylthiophenyl)-1,4-dihydropyridine: Venkatesha B. devaru, **H. C Devarajegowda.**, Doreswamy B.H., Mahendra M., Anamik Shah., Sridhar M.A and Shashidhara Prasad J (2004), **J. Anal Sci.**, Vol.20, pp. x45.
91. Crystal structure of 6-pyridyl-5,6-dihydrobenzo[4,5]imidazo[1,2-c]quinazoline: Kamaiah Jayalakshmi., **H. C Devarajegowda.**, Sridhar M.A., Bheemana H.G., Gayathri V., N.M.N Gowda., Rangappa K.S and Shashidhara Prasad J (2004), **J. Anal Sci.**, Vol.20, pp. x87.

92. Crystal structure of 12-methoxy -8,8,21,21-tetramethyl -5-(3-methylbut-2,4-dienyl) – 19 - (3-methylpent-4-enyl)-3,7,20–trioxahexacyclo [15.4.1.0<2, 15>.0<2, 19>.0<4, 13>.0<6,11>] docosa-4(13),5,9,11,15-pentaene -14,18-dione: Mahendra M., Doreswamy B.H., **H. C Devarajegowda.**, Devaru V. B., Sridhar M.A and Shashidhara Prasad J. (2003), **J. Anal Sci.**, Vol.19, pp.1463.
93. Crystal structure of Bis(diphenylphosphino)ethane Bis(2-selenopyridinato)platinum(II): Lokanath N.K., **H. C Devarajegowda.**, Sridhar M.A., Shashidhara Prasad J., Narayan S and Vimal K.J., (2001), **J. Anal. Sci.**, Vol. 17, pp.565.
94. Crystal structure of a Chalcone derivative: **H. C Devarajegowda.**, Sridhar M.A., Shashidhara Prasad J., Indira J., Sooryanarayanarao B and Prakash P.K., (2001), **Mol. Cryst. Lig. Cryst.**, Vol. 369, pp.145-152.
95. Crystal and molecular structure of 1,4-dihydropyridine with different substituents: **H. C Devarajegowda.**, Shashidhara Prasad J., Sridhar M.A., Harsukh C.G and Anamik shah., (2000), **Mol. Cryst. Lig Cryst.**, Vol 348, pp. 301-316.
96. Crystal and molecular structure of imidazole with different substituents: **H. C Devarajegowda.**, Shashidhara Prasad J., Sridhar M.A and MMM Abdoh., (2000), **Mol. Cryst. Lig Cryst.**, Vol 348, pp. 317-330.

Academic affiliation

1. Life member, Indian Crystallographic Association, India.
2. Life member, Kannada Sayitya Parisath, Karnataka, India.
3. Mentors/Resource persons for Summer/Winter Camps and other INSPIRE initiatives

Awards

1. Awards for Research Publication (ARP) – 2012-2013, Certificate with Cash Prize Rs. 25000=00 by the Vision Group on Science and Technology (VGST), Government of Karnataka, Bangalore.

International Conference / Seminar / Workshop Attended

1. Crystal Structure of 5-{4'-[(5-Benzyl-2H-tetrazol-2-yl) methyl] biphenyl-2-yl}-1H-tetrazole: **H. C. Devarajegowda**; Paper presented at Annual Meeting-2013 of the **American Crystallographic Association, in Honolulu, Hawaii**, 20th -24th July, 2013.
2. Synthesis and Crystal Structure of N-alkyl derivatives of 7-chloro-5-chloropropyl -9-methyl-5, 10-dihydro-4, 5, 6, 10-tetraaza-dibenzo [a, d] cyclohepten-11-one: **H.C Devarajegowda.**, Thimmegowda N.R., Sarala G., Anand kumar C.S., Sunil kumar Y.C., Benakaprasad S.B., Rangappa K.S., Sridhar M.A., and Shashidhara Prasad J; Paper presented at XVIII International **Conference on Physical Organic Chemistry (ICPOC-18) held at Warsaw, Poland** during 20 -25th, August 2006.
3. Participated in the **13th BCA/CCG Intensive Teaching School on X-ray Structure Analysis** held at **Trevelyan College, Durham University, UK** during March 26 to April 3, 2011.

Minor Research project

1. No. MRP(S)-541 / 09-10 / KAMY002 / UGC - SWRO dated 8.1.2010: Minor Research Project entitled “**Crystal Growth and Molecular Structure of some Organic Compounds**” with the financial assistance of Rs. 49,000=00 (Forty-nine Thousand only) under the University Grant Commission Minor Research Project Scheme for the year 2009-2010.

- No. DV3/389/2005-2006 Dated 16th May, 2006: Minor Research Project entitled “**Growth and Molecular Structure of some Organic Crystals**” completed with the financial assistance of Rs. 90,000=00 (Ninety Thousand only) under the University Minor Research Project Scheme for the year 2006-2007.

Summer Research Fellowship Programme

- Worked as a Summer Research Fellowships-2010 (SRFs) under the Summer Research Fellowship Programme jointly organized by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and National Academy Sciences, India, Allahabad - the project entitled “ **Evaluation of weak intermolecular interaction in organic molecules: case studies**” during May –July 2010 under the supervision of **Professor T. N. Guru Row**, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore.

Seminars, Conference and Symposium Paper Presented

- Crystal Structure Analysis of (5,7-dimethyl-2-oxo-2H-chromen-4-yl)methylpiperidine-1-carbodithioate: **H. C Devarajegowda**, A. J. Ravi, M. Vinduvahini, J Shylajakumari and Mahesh Kumar, P-199 -- paper presented at 42nd **National seminar** on crystallography and International Workshop on Application of X-ray Diffraction for Drug Discovery held at New Delhi jointly organized by All India Institute of Medical Sciences, Jawaharlal Nehru University, Regional Centre for Biotechnology and National Institute of Immunology during November 21-23, 2013.
- Crystal Structure of (6-methoxy-2-oxo-2H-chromen-4-yl)methyl diethyldithio carbamate: J Shylajakumari and **H. C Devarajegowda** P-100 -- paper presented at 40th **National seminar** on crystallography held at Department of Physics, Osmania University, Hyderabad during November 26-28, 2011.
- X-ray structure and DFT calculations of 9-acetamidoundecanoic acid: S. Jeyaseelan, M. Vinduvahini and **H. C Devarajegowda** P-50 -- paper presented at **International conference** on frontiers in pharmaceutical chemistry and biologics- an interdisciplinary approach during July-29-30, 2011.
- Crystal structure of 4-ethoxyphenyl-4-methoxycarbonyloxy-benzoate: S. Jeyaseelan, K. R. Roopashree, Rihanabanu, B. S. Palakshamurthy and **H. C Devarajegowda** P-88 -- paper presented at 39th **National seminar** on crystallography held at Department of Physics and Electronics, University of Jammu, Jammu during October 25-27, 2010.
- Crystal Structure analysis of 4-(3S-3,7-dimethyloctyloxy)benzoic acid: **H. C. Devarajegowda**, B. S Palakshamurthy, S. Jeyaseelan J Shylajakumari and M. Vinduvahini -- paper presented at **National Conference** on Engineering of Materials through Energetic Particles (NCEMEP) held at Bahubali College of Engineering, Shivanabelagola, Hassan, Karnataka from April 8-10, 2010.
- Crystal Structure of 1, 3-Bis (hydroxymethyl) benzimidazolone: **H. C. Devarajegowda**, Madhura V, B. S Palakshamurthy, S. Jeyaseelan J ShylajaKumari and Manohar V Kulkarni paper presented at UGC sponsored **Two day state level seminar** on Emerging Trends in Liquid Crystals & Coordination compounds held at Department of chemistry and Physics, St. Philomena’s College, Mysore from 21st and 22nd August, 2009.
- Synthesis and X-ray Crystallographic Analysis of 2,6-Dibenzoyl-4-Chloro Phenol: Shaikath Ara Khanum and **H.C Devarajegowda** P-206 -- paper presented at 38th

- National seminar** on crystallography held at Department of Studies in Geology, University of Mysore, Mysore during February 11-13, 2009
8. Crystal and molecular structure of 1-methyl-2-isopropyl-5-nitroimidazole: **H. C. Devarajegowda**, Lokanath N.K, Shashidhara Prasad J, Sridhar M.A, and MMM Abdoh., B-50, paper presented at **XXVII National seminar** Crystallography held at Mahatma Gandhi University, Kottayam during 24th to 26th, September 1997.
 9. Study of radon emanation rate from the soils in Mysore: **H. C Devarajegowda**, Sannappa J, Paramesha L and Venkataramaiah P., Proc. Nat. Sym. Rad. Phys 11126, 1995.

Seminars, Conference, Symposium and Workshops Attended

1. Participated in the **98th Indian Science Congress** held at SRM University, Chennai, from January 3 to 7, 2011.
2. Participated in the **State Level Astronomy Programme** held at University of Mysore, Mysore on the occasion of International Year of Astronomy-2009 catalyzed by Rashtriya Vigyan Evam Prodyogiki Sanchar Parishad, Department of Science and Technology, Government of India, New Delhi and organized by Karnataka State Council for Science and Technology from 29th and 30th January, 2010.
3. Participated in the **Two- day National Seminar Cum Workshop on Testing and Evaluation** held at Department of English, Terisian College, Mysore sponsored by NTS-India (CIL, MYSORE) from 26th and 27th May, 2009.
4. Participated in the **National Conference on “Current trends in environmental science and sustainable development” (NCESD-2009)** held at Department of Environmental Science, University of Mysore, Mysore from 27th and 28th February, 2009.
5. Participated in the **National Workshop on Development of Self-Learning Materials or Distance and Online Learning** held at Staff Training and Research Institute (STRIDE) & Inter-University Consortium (IUC) IGNOU, New Delhi from May 9-14, 2005.
6. Participated in the **Capacity Building Programme on Multimedia and E-Content Development** held at Consortium for educational communication, IUAC Campus, Aruna Ali marg New Delhi during 7th -26th November, 2005.
7. Participated in the **National seminar-cum-workshop on “Knowledge Construction in Physics”** held at JSS College for women, Saraswathipuram, Mysore from 17th - 19th February, 2005.
8. Participated in the **One-day workshop on “The challenges of higher education in the contest of global market”** held at the centre for Information Science and Technology, Manasagangotri, University of Mysore, Mysore on 28th January, 2005.
9. Participated in the **Indian Academy of Sciences Mid-Year Meeting** from 1st to 3rd July, 2004.
10. Participated in the **State Level Seminar on Frontiers of Science and Technology** held at Yuvaraja’s College (constituent College) Mysore on January 5, 2004.

Refresher Course Attended

1. Refresher course in Physics held at Department of studies in Physics, Manasagangotri, University of Mysore, Mysore during February 28, 1994 to March 26, 1994.

2. Refresher course in Physics held at Department of studies in Physics, Manasagangotri, University of Mysore, Mysore during July 8, 1998 to July 30, 1998.
3. Refresher course in Physics held at Department of studies in Physics, Manasagangotri, University of Mysore, Mysore during October 11, 2000 to November 1, 2000.
4. All India Refresher Course in Experimental Physics held at Department of Physics, Goa during October 29, 2001 to November 12, 2001.
5. Refresher course in Physics held at Department of studies in Physics, Manasagangotri, University of Mysore, Mysore during July 10, 2003 to July 30, 2003.
6. Capacity Building Programme on Multimedia and E-content Development held at, EMMRC, Manasagangotri, University of Mysore, Mysore during 7th November, 2005 to 26th November, 2005. The training programme has been conducted through EDUSAT network.

RESEARCH GUIDE

Ph. D Awarded Ph. D Awarded

1. **Waleed fadl ali al-Eryani** – “*Crystal and molecular structure analysis of two liquid crystals and few organic molecules of medicinal interest.*” University of Mysore – Reg. No. EX.9.2/Ph.D/WFAAE/2008-09 dated 29th May, 2013.
2. **H. K. Arunkashi** – “*Crystal and molecular structure studies of some organic compound in biological interest.*” University of Mysore - Reg. No. EX.9.2/Ph.D/HKA/2007-08 dated 26th February, 2014.
3. **H. K. Jeyaseelan** – “*Crystal and molecular structure analysis of a few drug molecules*” University of Mysore - Reg. No. EX.9.2/Ph.D/SJ/2009-10 dated 26th February, 2015.
4. **K. R Roopashree** – “*Crystal and molecular structure studies of a few organic small molecules of medicinal interest.*” University of Mysore - Reg. No. EX.9.2/Ph.D/RKR/2010-11 dated 17th December, 2015.
5. **B. R Anitha** – “*Crystal and molecular structure studies of some chalcone derivatives in medicinal interest.*” University of Mysore - Reg. No. EX.9.2/Ph.D/BRA/2008-09 dated 10th November, 2016.
6. **B. S. Palaskshmurthy** – “*Crystallographic Analysis of Few Coumarin Based Liquid Crystals (Lcs) and their Polymorphic Intermediates.*” University of Mysore - Reg. No. EX.9.2/Ph.D/BSP/2009-10 dated 7th November, 2017.
7. **A. J. Ravi** - “*Studies on molecular and crystal structure of some organic compounds of medicinal interest*” University of Mysore - Reg. No. DOR.99/Ph.D/686/AJR/2012-13, dated 24.04.2013. (SUBMITTED).

M. Phil Awarded Under My Supervision

1. **M. P. Ganesha** –Periyar Institute of Distance Education, Periyar University Salem, T.N; Reg. No. 06DCCP4017
2. **B. R Anitha** - DDE, Vinayaka Missions University, Salem, T. N; Reg. No. 603043070429
3. **M. N. Bharathi** - DDE, Vinayaka Missions University, Salem, T. N; Reg. No. 103852/605011080007
4. **C. Krishnegowda** - DDE, Vinayaka Missions University, Salem, T. N; Reg. No. 603043080455

5. **S. Jeyaseelan** - DDE, Vinayaka Missions University, Salem, T. N; Reg. No. 603043080458
6. **M. Nagaraj Urs** - DDE, Vinayaka Missions University, Salem, T. N;. Register No. 603043080584
7. **G. Sateesha** - DDE, Prist University, A. P. Reg. No. 007M08A34007
8. **M. Deepak** - DDE, Prist University, A. P. Reg. No. 007M08A34008