CURRICULUM VITAE

1.	Name	:Prof. Y. B. BASAVARAJU
2.	Qualification	:M.Sc., Ph.D.
3.	Age	:54 Years
4.	Date of Birth	:23.06.1962
5.	Address	:Professor of Organic Chemistry DOS in Chemistry, University of Mysore, Manasagangotri, Mysore–570006

5. TOTAL TEACHING EXPERIENCE: 26 years				
Position held	**Status**	**Duration**	**No. of years**	**University/Institution**
Lecturer	-	20-06-1990 to 29-10-1998	8 Years	Bangalore
Reader (MPS)	-	30-10-1998 to 06-07-1999	1 Year	Bangalore
Reader (BOA)	-	07-07-1999 to 06-07-2007	8 Years	Mysore
Professor	Continuing	07-07-2007 Till date	9 Years	Mysore

6.	Research experience		26 Years
7.	Thrust area of research		:Synthetic Organic Chemistry, Medicinal Chemistry and Natural products Chemistry
8.	Ph.D. supervision	Awarded candidates Submitted candidate Candidates working at present	10 00 04
9.	M.Phil. supervision	Awarded candidates	04
10.	M.Sc. dissertation supervision		60

11. Chairmanship / Membership in University academic bodies PG level (BOE/BOS)			
Positron	**Name of the academic Body**	**University/Institution**	**Period**
Member	BOE of Chemistry (PG)	Mysore	2003, 2009, 2016
Member	BOS of Chemistry (PG)	Mysore	2007
Member	BOS of Chemistry (PG)	Mysore	2007, 2016-2019
Member	BOS of Organic Chemistry	Mysore	2007-2010
Member	BOE of Chemistry (PG)	Karnatak	2009
Member	Admission committee of Chemistry (PG)	Mysore	2009 and 2012, 2014-2016
Member	Admission committee of Chemistry (PG)	Yuvaraj's college, Mysore	2012
Member	BOE of Chemistry	Kuvempu	2012
Member	BOE of Chemistry	Mangalore	2012
Chairman	BOE of Chemistry (PG)	Mysore	2010
Chairman	BOE of Organic Chemistry (PG)	Mysore	2011 and 2014
Chairman	BOE of Organic Chemistry (PG)	Mysore	2011-13
Coordinator	Refresher course	Mysore	2011
Resource person	Development of science at schools	Mysore	2006
Member	BOE of Chemistry (PG)	Davanagere	2012
Member	BOA of Organic Chemistry	Karnatak	2012-14
Member	BOE Of Organic chemistry	Mysore	2014-15
Member	BOE of Chemistry (PG)	Karnatak	2015
Member	BOE of Chemistry (PG)	Bellary	2016
Member	BOE of Chemistry (PG)	Mangalore	2016
Member	BOE of Chemistry (PG)	Gulburga	2016
Chairman	BOE of Organic Chemistry (PG)	Mysore	2016

12. DETAILS OF PARTICIPATION IN SEMINARS/SYMPOSIUM/CONFERENCE			
Year	**University/ Institution**	**Level of participatio***	**Title of the programme (International/National/Institution)**
1999	IISc, Bangalore	Participant	National Symposium in Chemistry (50 Years of India's independence)
1999	Mysore	Participant	National Conference
2001	Mysore	Participant	ICC Conference
2005	Mysore	Participant	NSBM Symposium
2006	Mysore	Participant	Workshop on Innovative Methods in Chemistry Teaching.
2009	Mysore	Participant	The Emerging Areas in Chemistry- NACEAC
2010	Mysore	Participant	New Advances and Opportunities in Biomedical Imaging and Material Science
2011	KSOU, Mysore	Participant	International Symposium on Challenges in Drug Discovery Programme
2012	Mysore	Participant	Post Graduate Science Special Lecture Series
2013	Karnatak	Participant	Indian Council of Chemists: 32nd Annual National Conference
2016	Mysore	Participant	Indian Science Congress, University of Mysore

13. M. Phil/ Ph. D/ Thesis Adjudicated				
Year	**M. Phil/ Ph. D**	**University**	**Subject**	**Number of thesis evaluated**
2007	Ph.D	Karnatak	Chemistry	01
2009	Ph.D	Kuvempu	Industrial Chemistry	01
2005	M.Phil	Bharathiar	Chemistry	03
2006	M.Phil	Bharathidasan	Chemistry	02
2010	Ph.D	Sri Venkateswara	Chemistry	01
2011	Ph.D	Mangalore	Chemistry	01
2012	Ph.D	Gulbarga	Chemistry	01
2012	Ph.D	Osmania	Chemistry	02
2011	M.Phil	Mangalore	Chemistry	01

2012	M.Phil	Mangalore	Chemistry	20
2012	Ph.D	Sri Venkateswara	Chemistry	01
2013	Ph.D	Sri Venkateswara	Chemistry	02
2013	Ph.D	Karnatak	Chemistry	01
2013	Ph.D	Kuvempu	Chemistry	02
2014	Ph.D	Karnatak	Chemistry	01
2014	Ph.D	Sri Venkateswara	Chemistry	02
2014	Ph.D	Kuvempu	Chemistry	02
2014	Ph.D	Annamalai	Chemistry	01
2015	Ph.D	Annamalai	Chemistry	02
2015	Ph.D	S. V. University	Chemistry	05
2016	Ph.D	S. V. University	Chemistry	06
2016	Ph.D	Kuvempu	Chemistry	02
2016	Ph.D	Mangalore	Chemistry	02
2016	Ph.D	Kerala	Chemistry	01
2016	Ph.D	IICT, Hyderabad	Chemistry	01

14. PARTICIPATION IN EXTENSION ACTIVITIES:

Resource person for development of science at schools, conducted by University of Mysore

15. NOMINATED/ APPOINTED /FELLOWSHIP OF PROFESSIONAL ACADEMIC BODIES:

Member, Science and Technology, University of Mysore, 2008, 2009- Till date

16. List of Research Publications: 40

List of Research Publications

1. C. Anjanamurthy and **Y. B. Basavaraju,** Synthesis of podophyllotoxin analogues: Part XI-Synthesis of analogues of β-Apopicropodophyllin, ***Indian Journal of Heterocyclic Chemistry***, **1998**, Vol.7, 177.

2. **Y. B. Basavaraju** and C. Anjanamurthy, Synthesis of podophyllotoxin and related analogues: Part X-Tetralone esters as intermediates for the synthesis of analogues of β-Apopicropodophyllin, ***Indian Journal of Chemistry***, **1999**, 38B, 137.
3. **Y. B. Basavaraju** and Devaraju, Synthesis of analogues of podophyllotoxin: Tetralone intermediates for the synthesis of analogues of β-Apopicropodophyllin, ***Indian Journal of Heterocyclic Chemistry***, **2002**, 11, 229.
4. **Y. B. Basavaraju** and C. Anjanamurthy, Tetralone acids as intermediates for the synthesis of podophyllotoxin analogues, ***Indian Journal of Chemistry***, **2003**, 42B, 876.
5. **Y. B. Basavaraju**, B. Sadashivamurthy et al, 3-Chloro-4-hydoxy-4-methyl benzophenone, ***Acta crystallographica***, **2005**, E61, 04146.
6. **Y. B. Basavaraju** and B. Sadashivamurthy, New Tetralone ester intermediates for the synthesis of analogues of β-Apopicropodophyllin, ***Bulgarian Chemical Communications***, **2005**, 37, 135.
7. **Y. B. Basavaraju**, H.G. Anil Kumar et al, 4-methoxy- 3- methyl benzophenone, ***Acta Crystallographica***, **2006**, E62, 01749.
8. **Y.B. Basavaraju**, H.G. Anil kumar et al, Synthesis and crystal structure of a chalcone analogue: (2E)-3-(3,4-Dimethoxy phynyl)-1-(3-Methyl-4-methoxy phenyl) prop-2-en-1-one, ***Analytical Sciences***, **2006**, 22, X111.
9. **Y. B. Basavaraju** and B. Sadashivamurthy, New Tetralone esters as intermediates for the synthesis of podophyllotoxin analogues, ***Indian Journal of Heterocyclic Chemistry***, **2006**, 15, 259.
10. **Y. B. Basavaraju**, K. M. Lokanatha Rai and B. Sadashiva Murthy, Biological assay and anti-mitotic activity of Novel analogues of β-Apopicropodophyllin, ***Indian Journal of Pharmaceutical Sciences***, **2007**, Vol. 69(1), 116.
11. A. D. Sathisha, K. H. Hemakumar and **Y. B. Basavaraju**, New tetralone acid intermediates for the synthesis of β-Apopicropodophyllin, ***Bulgarian Chemical Communications***, **2007**, Vol. 39, No. 4, P. 264.
12. **Y. B. Basavaraju**, A. D. Sathisha and K. H. Hemakumar, Sythesis of New tetralone ester intermediates for Podophyllotoxin analogues, ***Indian Journal of Heterocyclic Chemistry***, **2007**, 17, 15.

13. **Y. B. Basavaraju**, K. H. Hemekumar and A. D. Sathish, New tetralone intermediates for the synthesi of podophyllotoxin analogues, Devaraju, ***Bulgarian Chemical Communications***, **2007**, 39(2), 165.
14. **Y. B. Basavaraju**. P. Tamilselvan, E. Sampath Kumar and Ramachandran Murgesan, Cobalt (II) catalysed dehydration of aldoximes: A highly efficient practical procedure for the synthesis of nitriles, ***Catalysis Communications***, **2008**, Vol. 10, P. 716.
15. **Y. B. Basavaraju**, K. H. Hemakumar and A. D. Sathish, Synthesis and Characterization of New Diketone analogues of podophyllotoxin, ***E-Journal of Chemistry***, **2008**, Vol. 05. No. 01, P. 114.
16. **Y. B. Bsavaraju**. P. Tamilselvan, Ramachandran Murgesan, and E. Sampath Kumar, Cobalt (II) acetyl acetonate catalysed Friedel Craft's acylation of anisole, thioanisole and toluene, ***Catalysis Communications***, **2008**, Vol. 10, P. 300.
17. Amos Victor and **Y. B. Basavaraju**, Synthesis of new intermediates of podophyllotoxin analogues, ***Indian Journal of Heterocyclic Chemistry***, **2013**, 22, 287.
18. D. Raju and **Y. B. Basavaraju**, Synthesis and characterization of new tetralone ester intermediates of podophyllotoxin analogues and their antifungal activity, ***International Journal of Pharmaceutical science, review and research***, **2013**, 21(1), 305.
19. Amos Victor and **Y. B. Basavaraju**, Synthesis of new fluoro and fluoro methoxy diketone analogues of podophyllotoxin, ***Indian Journal of Heterocyclic Chemistry***, **2013**, 23, 197.
20. D. Raju and **Y. B. Basavaraju**, Synthesis of new tetralone ester intermediates for podophyllotoxin analogues, ***Pure and Applied Chemical sciences***, **2013**, 1(1), 43.
21. B. Umesha and **Y. B. Basavaraju**, Synthesis and characterization of diaza analogues of podophyllotoxin, ***European Journal of Chemistry***, 4 (3) (2013) 235-239.
22. B. Umesha and **Y. B. Basavaraju**, Synthesis and pharmacological studies of new pyrazole analogues of podophyllotoxin, ***Russian Journal of Bioorganic Chemistry,*** 40 (4) (2014) 1–10.
23. B. Umesha, **Y. B. Basavaraju**, C. Mahendra, S. B. Shivakumar, K. Poornachandra Rao, and M. H. Krishna, Synthesis and biological activity of novel nitrogen containing

analogues of podophyllotoxin, ***Indo American Journal of Pharmaceutical Research,*** 4 (1) (2014) 905-914.

24. B. Umesha, **Y. B. Basavaraju** and C. Mahendra, Synthesis and biological screening of pyrazole moiety containing analogues of podophyllotoxin, ***Medicinal Chemistry Research*** (**Accepted**).
25. B. Umesha, **Y. B. Basavaraju**, Manpreet Kaur, H. S. Yathirajan and Jerry P. Jasinski, 1-(3,4-Dimethoxyphenyl)-3-phenylprop-2-en-1-one, ***Acta Crystallographica Section E,*** (2014) E70 o368.
26. B. Umesha and **Y. B. Basavaraju**, Synthesis and characterization of novel benzo[*d*][1,3]dioxole gathered pyrazole derivatives and their antimicrobial evaluation***, Medicinal Chemistry Research,*** 23 (2014) 3744–3751.
27. B. Umesha and **Y. B. Basavaraju**, Synthesis, characterization and antibacterial activity of new triphenyl gathered dihydro pyrazoles, ***International Journal of Chemical and Pharmaceutical Sciences***, 4 (4) (2013) 1-6.
28. M. H. Krishna, **Y. B. Basavaraju** and B. Umesha and S. B. Shivakumar, Synthesis and characterization of new tetralone esters, ***Pure and Applied Chemical Sciences,*** 2 (1) (2014) 31–39.
29. S. B. Shivakumar, **Y. B. Basavaraju** and B. Umesha, M. H. Krishna and N. Mallesha, Synthesis and evaluation of antimitotic activity of new tetralone acid analogues of podophyllotoxin***, European Journal of Chemistry,*** 5 (3) (2014) 424-429.
30. M. H. Krishna, **Y. B. Basavaraju**, B. Umesha and S. B. Shivakumar, Synthesis and study of antimicrobial activity of new tetralone esters, ***European Journal of Chemistry,*** 5 (4) (2014) 584-587.
31. M. H. Krishna, **Y. B. Basavaraju**, B. Umesha and S. B. Shivakumar, Synthesis and characterization of new tetralone esters, ***Pure and Applied Chemical Sciences,*** 2 (1) (2014) 31 – 39.
32. S. B. Shivakumar, B. Umesha, M. H. Krishna and **Y. B. Basavaraju**, Synthesis and study of biological activity of new tetralone acids analogues of podophyllotoxin, ***Indo American Journal of Pharmaceutical Research,*** 4 (12) (2014) 5733-5739.

33. S. B. Shivakumar, B. Umesha, M. H. Krishna and **Y. B. Basavaraju**, Synthesis of new substituted tetralone acids and evaluation of antimitotic activity, ***International Journal of Chemical and Pharmaceutical Sciences,*** 5 (3) (2014) 65-71.
34. D. C. Umesha, **Y. B. Basavaraju**, B. Umesha, Synthesis of new tetralone intermediates for podophyllotoxin analogues, ***Chemical Science Review and Letters,*** 4 (14) (2015) 591-596.
35. D. Raju, **Y. B. Basavarajua**, Hemant Kumar, B. Umesha and Nandini K, Synthesis and evaluation of antimitotic activity of new tetralone acids, ***European Journal of Biomedical and Pharmaceutical Sciences,*** 2 (7) (2015) 171-178.
36. B. Umesha and **Y. B. Basavaraju**, Synthesis and antibacterial evaluation of novel substituted 4-(thiophenyl)-5,6-dihydropyrimidinones, ***European Journal of Biomedical and Pharmaceutical Sciences,*** 2 (4) (2015) 1350-1360.
37. K. N. Padmavathi, **Y. B. Basavaraju** and B. Umesha, Synthesis and characterization of tetralones as intermediates for podophyllotoxin analogues, ***European Journal of Chemistry,*** 7 (2) (2016) 192-194.
38. D. C. Umesha, B. Umesha**, Y. B. Basavaraju**, Synthesis and evaluation of biological activity of nitrogen and oxygen containing heterocyclic analogues of podophyllotoxin, ***International Journal of Chemical and Pharmaceutical Sciences***, 2016, 7 (2): 55-70.
39. B. Umesha, Sowbhagya, **Y. B. Basavaraju**, Synthetic Study on Chalcone and their Dihydropyrimidinone and Dihydropyrimidinethione Derivatives, ***International Journal of Scientific Research in Science and Technology,*** 2016, 2(3): 340-343.
40. K. N. Padmavathi and **Y. B. Basavaraju**, Synthesis and characterization of new tetralones as intermediates for podophyllotoxin analogues, ***International Journal of Chemical Science and Research***, 2016, 6(5): 1-7.