



Curriculum Vitae

Dr. B. E. Basavarajappa. M.Sc Ph.D

Professor & Head

Department of Chemistry

Bapuji Institute of Engineering & Technology,

Davangere-577 004, Karnataka, India


Phone: (08192) 221461 (O)

Cell : 9731984886

Fax : (08192) 223261

E-mail: drbebdvgchem@gmail.com

CURRICULUM VITAE

1.	NAME	:	Dr. B. E. Basavarajappa. M.Sc., Ph.D. <div style="text-align: right;">  </div>
2.	DESIGNATION	:	Professor & Head Department of Chemistry Bapuji Institute of Engineering & Technology, Davangere-577 004, Karnataka, India Phone: (08192) 221461 (O), 261592 (R) Cell : 9731984886 Fax : (08192) 223261 E-mail: drbebdvgchem@gmail.com
3.	DATE OF BIRTH	:	16 th June 1957.
4.	EDUCATIONAL QUALIFICATION	:	<ul style="list-style-type: none"> • B.Sc. 1978, First class, Siddaganga Science College, Tumkur • M.Sc (Organic Chemistry). 1981, First class, Bangalore University Jnana Bharathi, Bangalore • Second Place in Organic Chemistry Branch (Bangalore University, Bangalore) • Ph.D. 2002, Environmental Chemistry (Kuvempu University, Shankaraghatta, Jnana Sahyadri, Shimoga)
5.	POSITION HELD	:	<ul style="list-style-type: none"> • 1-5-2014 to till date Professor & Head of Chemistry at Bapuji Institute of Engineering & Technology, Davangere • 1-4-2010 to 30-04-2014 Professor of Chemistry at Bapuji Institute of Engineering & Technology, Davangere • 1-1-2003 Assistant Professor of Chemistry at Bapuji Institute of Engineering & Technology, Davangere • 1-1-1996 Senior Lecturer in Chemistry at Bapuji Institute of Engineering & Technology, Davangere • 7.10.1982 Lecturer in Chemistry at Bapuji Institute of Engineering & Technology, Davangere • 1-9-1981 Lecturer in Chemistry at DVS Senior College Shimoga

5A	VISITING PROFESSOR	<ul style="list-style-type: none"> • From 2007 to 2010: PG studies in Chemistry, Davangere University • From 2008 to 2012 STJ PU College, Anubhavamantapa, Davangere • From 2010 to 2012 Shamur Shivashankrappa Parvathamma PU College, Davangere. • From 1981 to 1982 DVS Senior degree college of Science, Shimoga. • From August to December 2016 in Shamur Shivashankrappa Parvathamma PU College, Davangere.
6.	FIELD OF SPECIALIZATION	: <ul style="list-style-type: none"> • Organic Chemistry. • Bio chemistry • Environmental Chemistry • Medicinal Chemistry
7.	EXPERIENCE	: Total 34 years of Research & Development, Testing & Consultancy for institution. Teaching & Training for Under Graduate and Postgraduate students.
8.	FELLOW / MEMBER OF PROFESSIONAL BODIES	: <p>Life member:</p> <ul style="list-style-type: none"> • Indian Society for Technical Education, New Delhi. • Life member, Indian geological Society, Noida (LM-GISD090905)
9.	MEMBER OF ACADEMIC BODIES	: <ul style="list-style-type: none"> • Member Board of Studies in Chemistry, Malnad College of Engineering (Autonomous Institute) Hasan, Karnataka • Ex Chairman & Member Board of Examination (4 time) in Chemistry, Visveshvariah Technological University, Mysore Region, Belgaum, Karnataka. • Ex – Chairman and member BOE and BOS in Basic Sciences (Engg.) Kuvempu University, Shimoga. • Member Research Committee Visvesvaraya Technological University, Belgaum.
10.	ACADEMIC ACTIVITIES AND ACHIEVEMENTS	: <ul style="list-style-type: none"> • Guide in the field of Environmental Chemistry of Kuvempu University, Shimoga for M.Sc (Engg.) and Ph.D. Degree of Kuvempu University, Shimoga. • Guide in the field Chemistry of Visvesvaraya Technological University, Belgaum for M.Sc (Engg.) & Ph.D Degree of VTU, Belgaum.

11.	AWARDS / PRIZES / CERTIFICATES	:	<ul style="list-style-type: none"> • 12 times Best teacher award for producing 100% result for teaching Engineering Chemistry for first year BE students and Technical Chemistry for 3rd and 4th sem BE chemical engineering students. • Under Student project for Chemical Engg entitled “Solid waste management in Davanagere city.” Awarded best project by KSCST. • Under Student project for Civil Engg. Students “Impact of recharge on aquifers system and underground water quality in parts of Jagalur taluq, Davanagere district” guided was selected and awarded best project by KSCST. • Under Student project for Civil Engg students “Aquifer mapping and location of sustainable sites for ground water was selected and awarded best project by KSCST.
12.	OTHER ASSIGNMENTS	:	<ul style="list-style-type: none"> • Worked as Internal and External Deputy Chief of VTU Examinations. • Visiting Professor for P. G Department of Analytical chemistry and Environmental Science of Kuvempu University, Shimoga. • Visiting Professor for P. G Department of Analytical chemistry and Environmental Science of Davanagere University. • Co-ordinator for process of permanent affiliation of the Institute from Visvesvaraya technological University, Belgaum. • Working as Coordinator for first year B E students • Working as Co-convener for science forum • Worked as Health committee chairman for VTU youth festival Davana 2014(Cultural Festival)
13.	EXPERT/ LECTURES DELIVERED	:	<ul style="list-style-type: none"> • Invited talk on analytical instrumentation for UG teachers in STTP program, sponsored by AICTE, New Delhi in 2005. • Invited talk on Basics of Chemistry for high school teachers of Davanagere Taluq under Taluq Block Educational program during septmber 2008. • Invited talk was given to high school teachers of Harihara Taluq on Atomic Theory under Taluq Block Educational program during septmber 2012. • Invited talk was given at FAER-Zebra Technology sponsored Technology Barrier Reduction Program held from 18th April to 6th May 2016 at BIET for 9th passed students from rural high schools of Davanagere District. • Keynote address to first year M.Sc., Chemistry Students of Davanagere University on 23rd Sept 2016.

14.	PROJECTS	:	<ul style="list-style-type: none"> • Student project of Chemical Engg. Solid waste management in Davanagere city.” KSCST sponsored. • Student project of Civil Engg. Students “Impact of recharge on aquifers system and underground water quality in parts of Jagalur taluq, Davanagere district” guided was selected for KSCST seminar exhibition held at SDMIT, Ujire, DK • A student project of Civil Engg students “Aquifer mapping and location of sustainable sites for ground • Guided a project for M.Sc(Chemistry) students of Kuvempu & Davanagere University
------------	-----------------	---	--

15. NATIONAL LEVEL SYMPOSIA/CONFERENCE AND SEMINAR ATTENDED

1. Science communications, organized by the chemistry & Industrial chemistry, Kuvempu University, Shankaraghatta, Shimoga, Karnataka, held from 6th -7th September 1996.
2. “Studies on Defluoridation of Drinking water using CornCobs”. Presented in National Seminar on Water Resources Management for Sustainable Deveolpment held at Dept. of Civil Engineering, Sri Venkateswara University Thirupathi, held at 12th to & 13th March 1999.
3. Chemical Quality of Ground water, National Conference on industry & environment, CIE-99, Organized by Yashwantrao Chavan College of Science, Karad, Maharashtra, held on 28th -31st December 1999.
4. The role of earth Science in Natural Resources Management and Rural development, organized by department of Geology, Kuvempu University, Shankaraghatta, Shimoga, Karnataka, held from 2nd -3rd March 2000.
5. National conference on Research Priorities in Environmental Science for the 21st Century, Organized by department of P G Studies and research in Environmental Science, Kuvempu University, Shanjaraghatta, Shimoga, held on 27th March 2002
6. “Solid waste Management in Davanagere City Municipality” National Seminar on Integrated Municipal Solid waste Management (NSIMSWM) held at Periyar Centre for Environment and Energy Management, Dept of Civil Engineering Vallam, Thanjaur – 613403, (Tamil Nadu)on 27th -28th April 2006.
7. “Nutrients level in Ground waters of Honnli taluk in Karnataka” National Conference on “Environmental Pollution Control & Repercussions” held at University of B.D.T college of Engineering, Davanagere on 4th and 5th October 2004. Sponsored by ISTE, Karnataka Section and Kuvempu University.
8. “Two days workshop on “Solid Waste Management in Urban Areas” Organized by Department of Chemistry & Environmental science & Technology Study Center, Bapuji Institute of Engineering & Technology, Davanagere, Karnataka held from 11th & 12th June 2004.
9. Attended One day Workshop on “Water & Waste Water Management in Urban Areas” Organized by Department of Civil Engineering, Bapuji Institute of Engineering & Technology, Davanagere, Karnataka held on 18th June 2004.
10. Attended Two day Workshop on “GIS Application in Civil Engineering” Organized by Department of Civil Engineering, UBBDT college of Engg, Kuvempu University, Davanagere, Karnataka held on 7th – 8th April 2006.
11. Status of Air Quality in Bhadravathi Town of Karnataka, India, National conference on Emerging Areas in Chemical and Biological Sciences (NCEACB-2007) organized by Dept. of Chemistry & Industrial Chemistry School of Chemical Sciences, Kuvempu University, Shankarghatta, Shiomga held on 23rd -24th March 2007.

12. Diversity of Aquatic Macrophytes in Ambaligola reservoir, Karnataka, National Seminar on All India congress Science (AICS), held at Lucknow, Uttar Pradesh, held on January 2008.
13. Seasonal Fluctuation in Ambient Air Quality of Bhadravathi region, Karnataka, national Conference on Environmental Issues and Challenges – 21st Centaury, Organized by Department of Environmental Science, Osmania University, Hyderabad, Andrapradesh, held on 28th & 29th March 2008.
14. Evaluation of Suspended particulate matter in Ambient Air of Bhadravathi Town, National Environ Fest – 2009, Organized by Kuvempu University Shankaraghatta, Shimoga, held on 30th September 2009.
15. Presented research paper on Synthesis, Characterization, and Biological Activity of Transition Metal Complexes of Famotidine in UGC sponsored national conference on advanced instrumental methods of chemical analysis on 14th February 2015 at AVKSC, Davangere.
- 16. INTERNATIONAL LEVEL SYMPOSIA/CONFERENCE AND SEMINAR ATTENDED**
 1. “Health hazards of trace metals, nitrate and fluoride in ground waters of Davangere district, Karnataka (India)” International Conference on “*Water and Health*” held at JSS Research foundation, Sri Jayachamarajendra College of Engineering on 22nd and 23rd January 2005.
 2. “Knock-knee syndrome” a curse for the Bhevinahalli villagers, Harihar Taluk, Davangere district” International Conference on “*Water and Health*” held at JSS Research foundation, Sri Jayachamarajendra College of Engineering on 22nd and 23rd January 2005.
 3. Assessment of Air Quality around MPM industry (Bhadravathi, Karnataka) Through Phytomonitoring, International Conference on Climate Change and Water Crises Organized by Bishop Moore College, Mavelikarai Kerala, India Held on 4th – 6th February 2008.
 4. Assessment of Chemical Quality of ground water in Harapanahalli taluka and its impact on Environment, International Conference on Climate Change and Water Crises Organized by Bishop Moore College, Mavelikarai Kerala, India Held on 4th – 6th February 2008.
 5. Lichens –Biomonitoring as tool for assessing air quality around the industrial area of Bhadravathi Town, 17th All India Botanical conference and international Symposium on Diversity of plants and microbes-present scenario organized by Department of Applied biotechnology, Kuvempu University pp-158 held from 28to 30th December 2009.
 6. Evaluation of effect of air pollution on some selected plants in Bhadravathi town Karnataka (India), international Symposium on Trait Organic pollutants in the environment-2010, organized by Environmental biotechnology, Bharathi Dasan university Tiruchanapalli Tamil Nadu pp 86 held from 20th -23rd January 2010.
 7. Participated a National conference on Association Occupational Health, Karnataka at Department of general medicine JJMMC in association with Department of Chemistry, BIET, Davangere.(26th& 27th june 2010).
 8. Participated in the National Seminar on Current issues of Western Ghats: Problems and solutions held on 21st and 22nd April 2012 at Kuvempu University, Shimoga.

17. THE DETAILS OF RESEARCH PAPERS PUBLISHED:

1. “Nitrate and fluoride levels in ground waters of Davangere Taluka” in Karnataka, Indian Journal of Environmental Health, Vol.45, No.1. pp 155- 160, April 2003.
2. “Detection of Fluoride levels in Ground Water of Davangere District and its Mapping” Journal Geological Society of India, Vol.63, June 2004,pp 643-648.
3. Study of ground water quality in Davangere Taluk Comprising of Urban and Rural Areas for Domestic Utility “Geological Aspects of Environment” Bull. Ind. Geol. Assoc. Spl.” Vol. 38 (1& 2), page number 69-73, 2005.

4. Assessment of Physiological responses of *Calotropis procera* and *Mangifera indica* to Air Pollution Stress in Bhadravathi Town, Karnataka, India, *BIOVISTAS: Future and Beyond*, A National Journal of Plant Sciences, Vol.4, No. 01 February 2008.
5. Physico-chemical variables in Ambaligola reservoir of Shikaripura Taluka, Karnataka, India, *BIOVISTAS: Future and Beyond*, A National Journal of Plant Sciences, Vol.4, No. 01 February 2008.
6. Air Quality Index for Bhadravathi Town, *Indian Journal of Environmental Protection* Vol, 28, No. 2 February 2008.
7. Assessment of Lichens sensitivity to air pollution around the industry area of Bhadravathi town, Karnataka, India, *Global Science Book: Biodiversity, Bio-availability and Bioremediation*, Vol-1 No-3, December 2009.
8. Ambient Pollutant materials in Bhadravathi town, *Environmental life Sciences*, No. 4, Vol. 4, November 2009.
9. Research paper "Coastal Zone Environmental Management in Udupi District, Karnataka State" published in *International Journal of Engineering and Science* ISSN: 2278-4721, Vol. 1, Issue 3 (Sept 2012), PP 08-11.
10. Research paper "A Research study on conservation, management and development of beach and estuarine areas of the coastal Karnataka, India" is published *International Journal of Engineering and Science* ISSN: 2278-4721, Vol. 1, Issue 4 (October 2012), PP 13-20.
11. A Research study on conservation, management and development of beach and estuarine area of the coastal, Karnataka *IJES (Int.)* vol-1, issue-4, page 13 to 20, ISSN 2279-4721 2012.
12. Coastal Zone Environmental Management in Udupi District, Karnataka State *IJES(Int)* vol-1, issue-3, 8 to 11, ISSN 2279-4721, 2012.
13. Effect of different organic mulches and insitu green manuring crop on growth and yield of maize" published in "Green Farming " *International Journal of Applied Agricultural & Horticultural Sciences*. Vol.,No 5, Sept-oct 2013.pp 597-591).
14. Chemical quality of bore well water of Sira and Pavagada Taluqs" in *e-Journal IJEE* ,Vol-3,June –July 2013.
15. Water quality parameter: total turbidity content in the Pavagada Taluk of Tumkur district, Karnataka in *World journal of pharmacy and pharmaceutical sciences*. Vol 3, Issue 12, 2014. (Impact Factor:2.8)
16. Total hardness content in the Pavagada Taluk of Tumkur district" in *World journal pharmaceutical research*. Vol 3, Issue 10, 2014.(Impact Factor:5.8)
17. Extraction and phytochemical screening for secondary metabolics in stem bark and leaves of *Bahunia purpurea(L)* plant *ISRASE(Int)*, Vol-1, Issue-5, 1 to 4, 2015.
18. Investigation on antioxidant activity of bioactive molecules of *Bahunia purpurea (L)* Bark *IJERD (Int)*, Vol-11, Issue-11, 60 to 62, 2015.
19. Study on muscle relaxing potential of ethanolic extract of bark of *Bauhinia Purpurea (L)*, *IOSR Journal of Pharmacy and Biological Sciences* 2017/Vol-12(1):1- 4, e-ISSN:2278-3008, p-ISSN:2319-7676.
20. Study on Muscle relaxing potential of Ethanolic Extract of Stem Bark of *Bauhinia purpurea(L)* plant in Albino Mice *IOSR,Journal of Pharmacy and Biological Sciences(IOSR-JPBS)*.Vol.22,Issue 11, Ver.III,SEP-JULY.2019,PP 11-14.

18. THE DETAILS OF TRAINING PROGRAMME:

1. Participated in "Recent Trends in Analytical Instrumentation " organized by Bapuji Institute of Engineering & Technology, Dept of Chemistry, Davangere – 577 004 sponsored by AICTE-ISTE, New Delhi from 30th August to 3rd September 2004.

2. Participated in FDP programme on Reengineering of environment impact assessment (REAIP), held at Department of Chemistry and course is sponsored by VTU-VGST, Bangalore.(5th -7th March 2011).
3. Worked as organizing committee member for conducting FAER-Zebra Technology sponsored Technology Barrier Reduction Program held from 2016-2019 at BIET for 9th passed students from rural high schools of Davangere District.

19. Ph.D STUDENTS AWARDED:

Name of Research Scholar	Dr. Naveen. D
Department	Department of Chemistry
Ph. D Thesis title	“ Studies on the Status of Ambient Air quality in Bhadravathi Town”
Award Date	No.801/2006-07 dt. 10.01.2006,Awarded 2 nd November 2009
Institute – University –	Kuvempu
Name of Research Scholar	Dr. Vidyavathi Harganur
Department	Department of Chemistry
Ph. D Thesis title	“Assessment of ground water contamination and its impact on environment in harapanahalli taluk, Davangere district”
Award Date	Reg No 806 dated 10.01.2006 Awarded 08-02-2013
Institute – University –	Kuvempu
Name of Research Scholar	Dr. Dodda Aswatha Narayana Swamy
Department	Department of Chemistry
Ph. D Thesis title	“Coastal Zone Environmental Management Plan for Udupi District --A Scientific Approach Study”
Award Date	Awarded 31 st March 2016
Institute – University –	Kuvempu
Name of Research Scholar	Dr. Rajashekharappa K S
Department	Department of Chemistry
Ph. D Thesis title	Effect of Organic Mulching on Soil Moisture Conservation, Infiltration, Soil fertility and Yield of Maize (Zea mays L.) In Alfisols”.
Award Date	Awarded 6 th October 2016
Institute – University –	Kuvempu
Name of Research Scholar	Dr. Manjunatha
Department	Department of Chemistry
Ph. D Thesis title	Studies on the ground water quality of Sira and Pavagada Taluks of Tumkur District
Award Date	Awarded 28 th Dec 2016
Institute – University –	Kuvempu
Name of Research Scholar	Shamala T
Department	Department of Chemistry
Ph. D Thesis title	Investigations on Extraction ,Phytochemical and Pharmacological activities of active constituents of Bauhinia purpurea plant.
Award Date	20 th October 2019
Institute – University –	Visvesvaraya Technological University

20. STUDENTS WORKING For Ph.D UNDER VISVESVARAYA TECHNOLOGICAL UNIVRSITY, BELAGAVI

Name of Research Scholar	J.K.Prasannakumar
Department	Department of Chemistry
Ph. D Thesis title	Novel chemical modification of ligno cellulosic material and its weathering studies.
Registered	
Institute – University –	Visvesvaraya Technological University

Dr.B.E.Basavarajappa