

TEACHER'S PROFILE/CURRICULUM VITAE

Personal Information



01	Name, Designation and Address:	DR. J. Narayana Professor ,Department of Environmental Science Kuvempu University, <u>Shankarghatta – 577 451</u> Shimoga Dist. Karnataka
02	Contact Number and E-mail:	08282-256251 narayanaj@kuvempu.ac.in Janaes@rediffmail.com narayannesara@gmail.com
03	Date of Birth:	05.06.1963
04	Gender and Marital Status:	Male; Married
05	Nationality:	Indian

02. Educational Qualification

Sl. No	Name of the Degree	University /Institution	Month and Year of Degree Awarded	Remarks
01	Ph.D	University of Bangalore	1995	Topic: ‘Studies on River Cauvery with Special Reference to Zooplankton and Macrophytes
02	M.Sc Botany	University of Bangalore	June 1989	Specialization: Paleobotany and Paynology
03	B.Sc	University of Bangalore	June 1987	Chemistry,Botany , Geology

03 A. Teaching Experience

S1 No.	Positions held	University/ Institution	Period		Nature of work
01	Professor	Dept. of Environmental Science, Kuvempu University	17 Feb	2009	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
02	Reader	Dept. of Environmental Science, Kuvempu University	17 th Feb.	2003-2006	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
03	Associate Professor	Dept. of Environmental Science, Kuvempu University	Feb	2006-2009	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
04	Lecturer	Dept. of Environmental Science, Kuvempu University	9 th August	1996-16 th 2003	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
05	Guest Lecturer	Dept. of Botany, Kolar PG Center 1995-96	1996		Teaching
06	Guest Lecturer	Al-Ameen College PG centre	1995		Teaching

04. Professional Positions held

Sl. No.	Position held	University/Organisation	period		Nature of Work
1.	School Director	School of Earth and Environmental Science	2014 -	2016	All works related to Earth and

					Environmental science Academic & research leading to Ph.D.
2.	Chairman	Env. Science	April 2010- Aug 2016	2014	All works related Environmental science administration
3.	Chairman	Water Harvesting and Mgt	16-11-2009	2010	All works related WMWH administration
4.	Chairman	Env. Science	March 2009	20-10-2009	All works related Environmental science administration
5.	Co-ordinator	DDE	2008	Continue	All works related Environmental science PGD Distance Course
6.	BOE, Chairman	Env. Science Kuvempu University	2007	2009	All works related to Examination
7.	Co-ordinator PG Diploma Ind Safety	DDE	2008	2014	All works related Environmental science PGD Ind. Safety Distance Course
8.	Chairman BOS	Env. Science Kuvempu University & Water Management	2015	2017	All works related to Academic & Research approvals

B. Academic Programs Taught

1. M.Sc Environmental Science
2. M.Phil
3. Ph.D

C. Courses Taught (Provide a List)

1. Wetland Ecology
2. Solid waste management
3. Water quality Science and Technology
4. Bio and Vermi composting
5. Aquatic Ecology
6. Environmental Education and Awareness
7. Occupational Health and safety

05. Publications (Please provide the information in the pattern mentioned)

Articles/papers Published in Edited Books: 15

1. Sharanappa Jangandi, **J.Narayana**, Mudalagiriappa and Anilkumar.D.Talageri (2013) Sustainable Management of Natural Resource through Different Alternate Agro-Forestry Land Use Systems in Peninsular India, (Chapter 51) pp 617-623, ISBN 978-93-81226-66-7, *Book on Natural Resource Conservation Emerging Issues and Future Challenges*, Satish Serial Publishing House New Delhi 110033 India.
2. Santhebennur JayappaVeeresh, **Jogttappa Narayana** (2013) Variation of Macro-Nutrients During Biodynamic Vermicomposting (Chapter 21) pp148-155, ISBN: 81-88919-15-2, *Book on Biologix, Department of Biotechnology Mewar Institute of Management, Vasundhara, Ghaziabad, U.P. -202012 India.*
3. AnilKumar. D Talageri, **J. Narayana** and Y.P. Shilpashree Assessment of Conventional and Non-Conventional Farming Practices on Growth, Yield and Soil Nutrient of Okra (*Abelmoschus esculentus*. L. Moench) *Environmental pollution and Development Vol.1 pp.20-32*
4. **J. Narayana (2012)** Distribution and diversity of Aquatic Macrophyte in relation to Physico- Chemical characteristics of lentic water bodies mid Westernghat range, Shimoga, Karnataka In: Conservation of tropical biodiversity 57-68.
5. Purushotham, R..Kiran, B.R **Narayana J**, and Putaiah E.T (2010) Evaluation of Drinking water quality status of Kanale Tank with Reference to physico-chemical Ractors, SagaraTalukKarnatak. (*Aquatic Ecosystem and its Management*)(P: 305-312).

6. **Narayana J.** and Somashekar R.K (2009) Dynamics of Zooplankton Communities in River Cauvery (In Plankton dynamics of Indian waters (P: 220-229) Jaipur.
7. **Narayana J.** Hosetti, B. B. (2007) Wetland biodiversity and its importance in Tourism In: Ecotourism development and management (PP. 211-219).
8. **Narayana. J.** and Sumitra, S (2003) Population growth, Generation of solid and liquid wastes and its impact on environment in Bhadravathi city. Solid waste management, current status and strategies for the future (P.29-36). Daya Publishing house, New Delhi.
9. **Narayana, J.,** and Somashekar, R.K. (2003) Distribution, Ecology of Protozoa in relation to water quality in river Cauvery, Karnataka, India, (Ecology) and Ethology of aquatic biota (pp. 283-293). Daya Publishing house, New Delhi.
10. Sumithra, S and **Narayana, J.** Ed. Aravind Kumar (2003) Municipal and Industrial waste Characteristics and management in Bhadravathi city. (In Aquatic Ecosystems), pp: 419- 424. A P H Publishing Corporation. New Delhi-002
11. **Narayana. J** and Somashekar R.K. Arvindkumar (2002) Distribution and diversity of macro: invertebrates in river Cauvery. In Ecology & conservation of lakes, Reservoirs & rivers (pp 337-343) ABD Publishers, Jaipur.
12. **Narayana J** and Somashekar R. K. Macrophytes diversity in relation to water quality. Ecology and Conservation of Lakes, Reservoirs and Rivers.ABD, Publication. Jaipur.
13. **Narayana, J.,** and Somashekar, R.K. (1998) Distribution and periodicity of Rotifers on River Cauvery (In: Ecology of polluted water and Toxicology (pp.106-119) K.D. Mishra, Enviro media, Karad.
14. .Sharanappa Jangandi, **J.Narayana,** Mudalagiriappa and Anilkumar.D.Talageri (2013) Sustainable Management of Natural Resource through Different Alternate Agro-Forestry Land Use Systems in Peninsular India, (Chapter 51) pp 617-623, ISBN 978-93-81226-66-7, *Book on Natural Resource Conservation Emerging Issues and Future Challenges, Satish Serial Publishing House New Delhi 110033 India.*
15. .Santhebennur JayappaVeeresh, **Jogtappa Narayana** (2013) Variation of Macro-Nutrients During Biodynamic Vermicomposting (Chapter 21) pp148-155, ISBN: 81-

88919-15-2, *Book on Biololgix, Department of Biotechnology Mewar Institute of Management, Vasundhara, Ghaziabad, U.P. -202012 India.*

05.3: Study Material

Books written – 01

1. Yare Gobbarakrushi - Kannada Book

2 Study Material written-01

DDE M. Sc -Course Material “Occupational health hazard Control and Management

05.4: Research Papers: 88

1. J.Narayan, Savinaya M S, Manjunath S and Rudresh S.,2017distribution and diversity of flora and fauna in and around Kuvempu University campus, bhadra wildlife sanctuary range, Karnataka. International Journal of plant and animal and environmental sciences Vol(7) (2)PP.89-99
2. Sharanappa Jangandi, Chaitra B. Negalur*, Mr. Narayan, H. C. Lakshman, (2017) Effect of phosphate solubilizing bacteria and arbuscular mycorrhizal fungi with and without rock phosphate on four forest tree seedlings, International Journal of Bioassays 6(01), PP: 5204-5207
3. Sharanappa Jangandi, J. Narayan, H.C. Lakshman and Chaitra B. Negalur. (2017),Influence of AM Fungus Glomus geosporum (Nicol. & Gerd.) Walker on Chlorophyll content and Biochemical changes in four AMF disputed plants, Annals of Plant Sciences 6(01) pp 1527-1530.
4. Sharanappa Jangandi1, Chaitra B. Negalur, Narayan and H.C. Lakshman., (2017) Synergistic effect between phosphate solubilizing bacteria and vesicular-arbuscular mycorrhizal fungi on growth and p uptake in Cajanus cajana L. (Pigeon pea), International Journal of Bioassays 6(01) pp 5211-5213.
5. SharanappaJangandi, NarayanJ, H.C Lakshman and Chaitra B. Negalur(2017).Effect of AM Fungi with Additional Phosphate to Improve Plant Growth, Biomass Yield and P-Uptake in Melia azadirachta L. (Gaeortner.) Roxb, Life Science Informatics Publications, 2(5), pp 84-93.
6. Narayana J. An Emerging Technique For Deflouridation Of Water - A Nanotechnology (2016) IOSR Journal of Environmental science, Toxicology and Food technology(IOSR-JESTFT) E:ISSN :23192402PISSN:2319-2399 Vol.10 Issue 10.Ver. II.July (2016)

7. **Savinaya MS, Sangamesh S Patil, Narayana J and Krishna V** (2016) Traditional medicine knowledge and diversity of medicinal plants in Sharavathi valley region of central western ghats *International Journal of Herbal Medicine* 2016; 4(6): 124-130
8. Somnath Sen ,**Jogattappa Narayana** , Ramachandran Gurumurthy , Beerappa Ravichandran,(2016), Workplace Respirable Dust Monitoring And Risk Factor Assessment In Foundry Process, *Journal of Environmental Science, Toxicology and Food Technology*, Volume 10(10) PP 87-91
9. AnilKumar. D Talageri, **J. Narayana** and Kulapati Hipparagi(2016) Evaluation of pesticide residues in spice crop on Ginger (*Zingiber officinale* rocs. *Int.Journal of life sciences* Vol5. No.3 CRDEEP) Publ. PP144-148
10. Nagaraj parisara , j.narayana b.r.kiran and e.t.puttaiah (2016) ecology and distribution of diatoms in konandur pond of thirthahalli taluk, karnataka **Int. Journal of Applied and pure sciences and agriculture P** Volume 02, Issue 04, **P 49-55 .**
11. J.Narayan, Savinaya M S and Manjunath S (2016)A Study of Water quality and Phytoplankton diversity of Sharavathi River basin, Central Western Ghats, Karnataka, India, *International Journal of Environmental Sciences Pages: 105-109 Vol. 5(Issue 2) pp 105-109.*
12. Manjunath.S, J. Narayana and B.R. Kirana (2016)Diversity and distribution of aquatic macrophytes in Gudavi wetland , sorab taluk, Karnataka, India *International Journal of basic and applied sciences* Vol.5 No.2 PP. 19-22(SJIF Impact factor 5.42 (ISSN:2277-1921)
13. Sen Somnath., Narayana.j,Ravichandran,B., DhananjayanV., Gaikwad A.S Biological monitoring of PAHs exposure among the foundry workers . *International Journal of Research in Chemistry and Environment* ISSN 2248-9649 Vol.6 Issue -2(37-41) April 2016
14. J. Narayan, Spoorthi, and Prakash kariyazzanavar 2015 Degradation of pulp and paper mill industrial dyes using carbon electrodes ,*Int. J. Environmental sciences* Vol.4No.32015PP.144-149 SJIF Impact Factor-4.183
15. Dr. K.Harish Kumar1, Dr. B.R.Kiran and **Prof. J.Narayana** (2015) Diversity Of Zooplankton In Sewage Fed Tank Of Bhadravathi Taluk, Karnataka, *International Journal of Industrial Chemistry and Biotechnology*.1(3),1-6
16. Sowrabha .J and **J.Narayana** (2014),Drinking Water Quality Assessment Of Commercial Areas In Shivamogga Town Using Physico-Chemical Parameters,NSF-WQI Karnataka-India,IJSRD- *International Journal for Scientific Research and Development*.2(09),2321-0613

17. Sharanappa Jangandi, **J. Narayana**, Mudalagiriya (2015) Natural resource management through different agro-forestry land use system in central dry zone(IV) of Karnataka Green Farming Vol.6 (1):13
18. S.B.Parameswarappa* and J.Narayana (2014) Assessment of dust level in working environment and study of impact of dust on health of workers in steel industry *International Journal of Current Microbiology and Applied Sciences* **ISSN: 2319-7706** **Volume 3 Number 11 (2014) pp. 166-172**
19. S.B.Parameswarappa* and J. Narayana (2015)Impact of noise on hearing and hypertension among workers in steel industry *Int.J.Curr.Microbiol.App.Sci* (2015) 4(1): 124-133
20. Sowrabha,J J.Narayana (2014)Drinking water quality assessment of commercial areas in shivamogga town using physic-chemical parameters, NSF-WQI Karnataka, India . International Journal of scientific research and Development Vol.2,Issue 09ISSN online 2321-0613
21. Sharadadevi Kallimani, J. Narayana and Parashurama T.R.(2014) Plankton Diversity In Response To Abiotic Factors In Javally Tank Of Shimoga District,Karnataka *International Journal of Environmental Sciences Vol. 5(Issue 2) pp 227-236,20014.*
22. Shilpashree Y. P 1, J Narayana1, Y Vishwanathshetty and Anilkumar D Talageri (2014) Characterization of Shimoga Taluk Soils under different Land Systems *International Journal of Environmental Sciences Vol 3 No.4 2014. Pp. 171-174*
23. S.Swetha and J.Narayana (2014) Effect of vermincompost alone and its combination with recommended dose of fertilizers on available nitrogen, phosphorus, potassium in rice field.*J.Environ,Science&Engineering.Vol.56.No.1 P.37-4.*
24. S.B. Parameswarappa and J.Narayana(2014) Assessment of heat strain among workers in steel industry-A case study .*Int.J.Microbiology.App.Sci.3(9)861-870..*
25. AnilKumar. D Talageri, **J. Narayana** and Y.P. Shilpashree(2013) Assessment of Conventional and Non-Conventional Farming Practices on Growth, Yield and Soil Nutrient of Okra *Abelmoschus esculentus. L. Moench) Environmental pollution and Development Vol.1 pp.20-32.*
26. prakash Kariyajjanavar, **J. Narayana** and Y. Arthoba Nayaka.Degradation of textile dye C.I. Vat Black 27 by electrochemical method by using carbon electrodes. *Journal of Environmental Chemical Engineering 1 (2013) 975–980, International.*

27. Anilkumar D.Talageri, **J.Narayana** (2013) Status of Bhendi Crop (*Abelmoschus esculentus* L.Moench) By Vermicompost, FYM and NPK Fertilizers *International Journal of Environmental Sciences*, ISSN: 2277-1948 Vol.2 No.3. 2013. pp. 118-124
28. D. Bsavaraj, **J.Narayana**, E.T. Puttaiah and K.Prakash “Phytoplankton Species Diversity Indices in Anjanapura Reservoir, Western Ghat region, India. *Journal of Environmental Biology* 2013, Vol.34 ISSN: 0254-8704 pp. 805-810.
29. Prakash Kariyajjanavar, **J Narayana**, Y Arthoba Nayaka” Electrochemical Degradation of C.I. Vat Orange 2 Dye on Carbon Electrode, *Inventi Impact: Water & Environment* Vol. 2013, Issue 3:106-112.
30. S. J Veeresh and **J. Narayana** “Sustainable Utilization of Agro- Waste for High Calorific Energy Briquettes “*Journal of Energy sources, part A: Recovery Utilization, and Environmental Effects*, 35: 14, PP 1375-1384.
31. S.J Veeresh and **J. Narayana** Earthworm Density, Biomass and Vermicompost Recovery During Agro- Industrial Wste Treatment *International Journal of Pharma and Bio Sciences* April 2013; 4(2): (B) 1274-1280.
32. AnilKumar. D Talageri, **J. Narayana** and Y.P. Shilpashree .Comparative assessment of organic manures and In-organic fertilizers on Okra *Abelmoschus esculentus*. *International journal of Life sciences* Vol.2 No.1.2013 pp.52-59
33. Prakash Kariyajjanavar, **Jogtappa Narayan**, Yanjerappa Arthoba Nayaka, Ramarao Viswanatha, Electrochemical Degradation of Anthraquinone Reactive Textile Dye Novacron Blue 4R on Graphite Electrodes , *Inventi Rapid: Chemical Engineering* Vol. 2013, Issue 1, 1-7
34. Prakash Kariyajjanavar, **J.Narayana**, and Y. Arthoba Nayaka, Electrochemical Degradation of C.I. Vat Brown 1 Dye on Carbon Electrode, *Adv. Chem. Lett.* Vol. 1 No. 1, 32-39 (2013)
35. Sowrabha.J, **J.Narayana**, Anilkumar.D.Talageri. Physico-chemical and Biological analysis of drinking water supplied to the residences in shivamogga city, Karnataka Vol5 (2-II)2012 ISSN 0974-0678.
36. Sharanappa Jangandi, **J. Narayana**, Mudalagiriappa and Anilkumar.D.Talageri Influence of Different Alternate Land Use Systems on Runoff Soil and Available Nutrient Loss Status in Central Dry Zone of Karnataka *Journal of Environment and Ecology* September 2012, 30 (3A) pp 778-78.

37. Santhebennur JayappaVeeresh, **Jogtappa Narayana** Awareness Among Farmers on Agricultural Pollution and General Environmental Problems *Inventi Agro Tech* Vol. 2012, Issue 3 pp 1-3.
38. Santhebennur JayappaVeeresh, **Jogtappa Narayana** Relationship Among Moderating Variables, Information Seeking Behavior and Sustainable Agriculture Awareness with Special Reference to Farmers of Western Part of Karnataka *Inventi Agro Tech* Vol.2012, Issue 3 pp 1-4
39. S. Sen **Narayana.J**, Ravichandran B. Rajesh R., Assessment of Indoor Air pollutants with special reference to particulate phase polyaromatic hydrocarbon in rural village. *Research & Reviews: A Journal of Toxicology*, Vol 2, No 2 (2012)
40. Santhebennur JayappaVeeresh, **Jogtappa Narayana** 2012, Dynamics of Micronutrients during Vermicomposting of Agro-industrial Waste, *Inventi Rapid: Agro Tech* Vol., Issue 3 pp. 1-3.
41. Prakash Kariyajjanavar, **J. Narayana** Y. Arthoba Nayaka, Kalachar Haranahalli Chadimani Byrappachari (2012). Electrochemical Degradation and Cyclic Voltammetric Studies of Fast Sulphon Black F and Eriochrome Black T - A Comparative Study. *Inventi Impact: Water & Environment*, Vol. 2012, Issue 3, 139-144.
42. Santhe bennurJayappa Veeresh, **Jogtappa Narayana** 2012, Dynamics of Micronutrients during Vermicomposting of Agro-industrial Waste, *Inventi Rapid: Agro Tech* Vol., Issue 3 pp. 1-3.
43. Prakash Kariyajjanavar, **J.Narayana**, Y. ArthobaNayaka 2012 Electrochemical degradation of C. I. Vat Brown 1 dye on carbon Electrode *Inventi journals* (3)ISSN 2229-7766 pp.1-6
44. PrakashKariyajjanavar, **J.Narayana**Y.ArthobaNayaka, Kalachar Haranahalli Chadimani Byrappachari (2012). Electrochemical Degradation and Cyclic Voltammetric Studies of Fast Sulphon Black F and Eriochrome Black T - A Comparative Study Vol.1 (2),1-6
45. PrakashKariyajjanavar, **J.Narayana**, Y. ArthobaNayaka (2012). Degradation of Simulated Dye Wastewater by Electrochemical Method on Carbon Electrodes. *Indian Journal Of Natural Sciences* Vol.1 (10), 809-821
46. KulapatiHipparagi, **J.Narayana**, B.Chinnappa and AnilkumarTalageri (2011) Production potential and economics of main and ratton crop of banana cv. Dwarf

Cavendish (AAA) an influenced by INM, Research on Crops An International Journal12(3), 792-795.

47. PrakashKariyajjanavar, **J.Narayana**, Y.A. Nayaka (2011) Degradation of Textile waste water by electrochemical methods. *Hydrology-current research*<http://dx.doi.org/10.4172/2157-7587.1000110>
48. PrakashKariyajjanavar, **J.Narayana**, Y.A. Nayaka, (2011), Studies on degradation of reactive textile dyes solution by electrochemical method. *Journal of Hazardous Material*, 190: 952–961
49. SanthebennurJayappaVeeresh, Jogatappa, **J.Narayana**, Jaime A. Teixeira dasilva (2011). Agricultural Bio-waste Management in the Bhadravathitaluk of Karnataka state, India, *Global science books*, 5(1),
50. Anilkumar D.Talageri , **J.Narayana**, Y.P.Shilpashree and Kulapathi Hippargi (2011) Comparative evaluation of organic manures and chemical fertilizers on okra(*abelmoschusesculentus*) in shimoga district, Karnataka,India . Plant archives Vol11No.1. 2011 571-593 ISSN 0972-5210 PP 571-573.
51. Y.P.Shilpashree, **J.Narayana**, AnilkumarD.Talageri, Y.Vishwanathashetty and C Sathish (2011) Nutrient status in arecanut garden soils of shimoga and Bhadravathitaluk.Plant archivesVol11No.1. 2011 571-593 ISSN 0972-5210 PP 429-430.
52. Nafeesa Begum, **J.Narayana**, and H.A. Sayeswara (2010), A seasonal Study of Phytoplankton diversity and pollution indicates of Bathi, pond near Davanagere City, Karanataka, *Environmental Conservation Journal*, 11(3), 75-80.
53. Nafeesa Begum, **J.Narayana** and Arunkumar S.L,(2010). Land Use/Land Cover Changes in the Catchment of Water Bodies in and around Davanagere City, Karanataka, *International Journal of Ecology and Environmental Sciences*, 36(4), 277-280.
54. KulapatiHipparagi, **J.Narayana**, J. Venkatesha (2010) Effect of integrated nutrient Management on growth and yield of banana cv. Dwarf Cavendish (AAA), *Journal of Asian Horticulture*.
55. KulapatiHipparagi, **J.Narayana**, J.Venkatesha (2010), Effect of organic , inorganic and bio fertilizer manuring on growth and yield of ratoon crop of Banana cv. Dwarf Cavendish(AAA), *Journal of Asian Horticulture*, 1-3.

56. S.J.Veeresh **J.Narayan**, J.A. Teixeira De Silva (2010) Influence of Jeevamrutha (Biodynamic Formulation) on Agroindustrial waste vermicomposting, *Dynamic soil, Dynamic plant*, Global Science Books, 4(1), 96-99.
57. PrakashKariyajjanavar, **J.Narayana**, Y.A.Nayaka, M.UmaNayaka(2010)Electrochemical Degradation and Cyclic Voltammetric studies of textile Reactive Azo Dye Cibacron Navy WB *PortugaliaelectrochemicaActa* 28(4), 265-277.
58. KulapatiHipparagi, **J.Narayan**, B. chinnappa & Anilkumar D. Talageri.(2011). Production potential and economics of Main and ratoon crop of Gauana C.V dwarf Cavendish (AAA) as influenced INM *Agricultural research information center*.
59. B. Veenadevi, **J. Narayana** and V. Bheemaraju (2009), Characterization of activated carbon obtained from coconut shell and chemically activated by phosphoric acid *International Journal of Emerging Technologies*, 513-516.
60. D. Bsavaraj, **J. Narayana** and E.T. Putaiah, (2009). Irrigation water quality Assessment of Anjanapura Reservoir *Indian Journal of Environmental Protection*, 29 (2):145-15
61. **Narayana,J.**, E.T.Puttaiah and D.Basavaraja,(2008).Water Quality Characteristics of Anjanapura Reservoir near Shikaripur, District Shimohga, Karnataka.*J.Aqua.Biol*, 23(1): 59-63.
62. S. Shwetha, **J.Narayana**, (2007) Influence of different sources of organic manures and in organic fertilizer on growth and yield of transplanted rice (*Oryza sativa L.*) variety-KMP 101, *Journal of current Science*, 10(2)763- 788.
63. **Naryana.J**, Lakshminarayan.T. PrakashKariyajjanavar (2007) Performance studies of Karnataka Antibiotic and Pharmaceutical ltd. (KAPL) & Effluent quality Characteristics*Kuvempu Univ.Sci.J*: 103-105.
64. Nafeesa Begum, **J.Narayana** (2007) Drinking water quality Assessment of TV-Station Reservoir in Davangere city, Karnataka., *Environmental Ecology*, 25S (3):673-676
65. Vijya kumara, N. Jai Prakash, K. Harish Babu, **J. Narayana** and E.T. Puttaiah (2007) Subsurface water quality in and around BhadravthiTwon, Karnatak state, *Envi. Eco.* 25S (4): 1076-1076.
66. V.N. Murulidhar, **J.Narayana**, E.T. Puttaiah (2007) Seasonal dynamics of phytoplankton in relation to physico-chemical characteristics in gulurwetland Ecosystem.*J.Aqua.Biol* 22(1), 1-10.

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69. **Narayana.J**, K.P.Ravindra Kumar, R.Purushothama, and K.Harish Kumar (2006), Diversity of aquatic Macrophytes in Erannana tank near Hosanagara, Karnataka.*Advances in Plant Sciences*19 (2): 451-455.
70. Nafeesa begum, **J.Narayana**, R. Purushothama, and Ravindra Kumar, K.P (2006) Water quality studies of TV-station reservoir at Davangere city, Karnataka. *Journal of Environ. Science and Engg.* NEERI Nagpur, 48(4): 281-284.
71. **Narayana.J**, Ravindra Kumar, K.P. and Purushothama, R (2006), Studies on Lentic water bodies of Hosanagar, Karnataka with special reference to diversity of Aquatic Macrophytes and their local uses,*Journal of Aquatic Biology.*21 (1): 10-13.
72. **Narayana.J**, Purushothama, R., Kiran B.R and Ravindrakumar, K.P. (2005) A Preliminary survey of Phytoplankton in Kanale and Keladi tank, near Sagartaluk, Karnataka. *Journal of Living World*,12 (1):15-20.
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74. Purushothama, R., **Narayana.J**, Kiran, B.R and Harish Kumar, K. (2005), Nutrient status of Kanale Tank with reference to aquatic macrophytes *Journal of Current Sciences*,7 (1): 161-164
75. Purushothama, R., **Narayana.J**, Kiran, B.R., Banakar, A.B. And Harish kumar K. (2005), Hydrochemistry of BrahmanaKalasi tank at Sagar, Karnataka. *Indian Journal of Environmental Protection* 25(6): 531-534.
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77. Vijay Kumara, **Narayana J**, Puttaiah, E.T. and Harish babu, K(2005), Assessment of surface and subsurface water of Bhadra river basin near Bhadravathi town, Karnataka.*Journal of Ecotoxicology and Environmental monitoring.* 15(3): 253- 261.

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79. Ravindra .H., **Narayana.J,** Krishnappa, K., Narayanaswamy, H. and Basavaraja, M.K (2003) Management of Root Knot Nematode through integration of poultry manure and soil solarization in FCV tobacco Nursery *Tobacco Research*, 29(2):103-106.
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81. Vijay Kumara, **Narayana. J** and Puttaiah, E.T. (2002), Assessment of Ground water quality status of Bhadravathi town, Karanataka *Geobios*29 (4): 217 – 220.
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83. Vijayakumara, **J.Narayana,** E.T. Puttaiah2002, Evaluation of ground water Quality in urban and rural regions of Bhadravathi taluk. Shimoga district *Science Journal KuvempuUniversity*,61-66.
84. **J.Narayana,** Somashekar. R. K. (2001) Distribution and Diversity of crustaceans groups in river Cauvery, *Geobios*, 28(4): 225-230.
85. Narayana,J., and Manu Nagendra, 2001 Land use /Land cover mapping of Thirthahallitaluk using Satellite imagery. *Science Journal: Kuvempu University*, 46-50.
86. **Narayana, J.** and Syed Perveez (2000)Treatment of Paper Mill effluent using water hyacinth, *Journal of Ind. Pollution control*16(2) :161-164.
87. **Narayana, J.** (2001), Vermicomposting of vegetable waste and its influence on seed germination *Journal of Environment and Pollution*. 8(1), 71-73.
88. **Narayana. J** and Somashekar, R.K. (1997) Heavy metal composition in the sediment and plants of the river Cauvery, *Journal of Environment and Pollution*. 4(4) 325-328.

05.5: Research Paper published in the Proceedings of the seminar/ Conferences/ Symposium:

1. J.Narayana (2013) Studies On Importance Of Wetlands And Its Plant Diversity In Soraba Taluk, National Seminar On “Global Warming and its Effect on Biodiversity” 27th & 28th Dec.2013. ISBN No.978-81-928760-0-9.
2. J.Narayana (2013) Climate Change Effects On Water Resources And Ecosystem. National Seminar On “Global Warming and its Effect on Biodiversity” 27th & 28th Dec.2013. ISBN No. 978-81-928760-0-9.
3. N. Dhananjaya, K.H. Sudheerkumar, M.S. Nethravathi, H. Nagabhushana, S.C. Sharma, S. Manjappa, J. Narayana, B.M. Nagabhushana (2013) Euphorbia-Tirukalli stem extract mediated synthesis of silver nanoparticles National conference on Nanoscience and Nanotechnology ISBN No. 978-81-928203-2-3 nPP.19-22
4. N. Dhananjaya, K.H. Sudheerkumar, M.S. Nethravathi, H. Nagabhushana, S.C. Sharma, S. Manjappa, J. Narayana, B.M. Nagabhushana (2013) Synthesis and characterization of ZnO Nanoparticles Via Eco-friendly Green combustion technique National conference on Nanoscience and Nanotechnology ISBN No. 978-81-928203-2-3 nPP.5-8.
6. **J.Narayana**, M. Mahadevaswamy, B. Ranjitha Kumari, Rameshkumar V. Salunke, B.N Shreelakshmi (2011), Kinetics and Removal of O-Cresol using activated Bagasse flyash as an adsorbent.
7. B. Veena Devi, **J. Narayana**, V Bheema Raju (2008), Characterization of Activated carbon from coconut shell by using phosphoric acid, in the Proceedings of International Conference on Emerging Technologies and Applications in Engineering, Technology and Sciences (ICETAETS)
9. B.Veena Devi, **J.Narayana** and BheemaRaju (2008) ,Role of Activated carbonic Removal of Chromium from industrial waste water, 11th international conference on wetland system for water pollution control.
10. Veena Devi, A.A. Jahgirdar, **J. Narayana** and Radha. (2007) Removal of Nickel and Lead using activated carbon from Industrial effluents, International workshop on integrated water resource management.
11. **J.Narayana** and S. Sumithra (2002) Population growth generation of solid and liquid wastes and its impact on environment in Bhadravathi city, Solid waste management-current status and strategies for future.
12. Muralidhar V.N., **Narayana J.** Puttaiah E.T, and Lakshmi Narayan (2002) Water quality of gubbi tank, Tumkur I relation to Physico-chemical characteristics, diversity and periodicity of phytoplankton Limnology of lakes, reservoirs, wetlands Lake 2002 proceedings.
13. **Narayana. J.** (1999) Vermicompost of biodegradable wastes collected from Kuvempu University using local and exotic species of earth worms National conference on Industry and Environment, Karad, Dec. 28-30. Ed. R. K. Trivedy.

14. Anilkumar D. Talageri, **J.Narayana** and Kulapati Hipparagi, (2011) Comparative evaluation of organic manures and chemical fertilizers on okra (*Abelmoschus esculentus*) in shimoga district, Karnataka.
15. Sharanappa Jangandi, **J.Narayana**, Anilkumar D. Talageri, Mudalagiriappa (2011) Natural Resource Management through Different Land Use systems.
16. Kulapati Hipparagi, **J.Narayana**, Anilkumar. D. Talageri and Manjunath.M (2011) Production Potential and Economics of Main and Ratoon Crop of Banana CV. Dwarf Cavendish (AAA) as Influenced by INM.
17. Kulapati Hipparagi, **J.Narayana**, Anilkumar D. Talageri and Manjunath.M (2011) Influence of Organics, Inorganics and Biofertilizers on Quality Attributes of Dwarf Cavendish Banana (AAA).
18. Anilkumar D. Talageri, **J.Narayana** and Kulapati Hipparagi, (2011) Effect of Organic and Inorganic Fertilizers on Growth and Yield of Okra (*Abelmoschus esculentus*).
19. Sharanappa Jangandi, **J.Narayana**, Mudalagiriappa and Anilkumar.D. Talageri Sustainable management of natural resource through different alternate agro forestry land use systems in peninsular india.
20. Mouneshwari, Anilkumar.D. Talageri, **J.Narayana** (2012), Status of Sarpagandha Rauwolifa Serpentina of Traditional Plant and its Utilization.
21. Anilkumar D. Talageri, **J.Narayana**, Y. P. Shilpashree (2012), Influence of Organic Manure and Recommended Dose of Fertilizers on Growth and Yield of Bhindi (*Abelmoschus esculentus L. Moench*).
22. Anilkumar D. Talageri and **J.Narayana** (2012), Description and Management of *Helicoverpa armigera* A pest of Chickpea.
23. Anilkumar D. Talageri and **J.Narayana** (2012), Women Development through Bioplate Production and Promoting Entrepreneurship Skills to SHG'S For Motivating Income Generating Activities.
24. Anilkumar D. Talageri, **J.Narayana**, Arjumand Banu, S.S. and Kulapati Hipparagi, (2012). Effect of Conventional and Non-Conventional Farming practices on Growth Yield and Soil Nutrient of Okra (*Abelmoschus esculentus L. Moench*).
25. Anilkumar.D. Talageri, **J.Narayana**, Sowrabha.J and Kulapati Hipparagi, (2013). Assesment of Organic and Recommended Dose of Fertilizers on Growth Yield and Soil Nutrient of Bhendi (*Abelmoschus esculentus L. Moench*).
26. Sowrabha.J, **J.Narayana**, Anilkumar.D. Talageri. Physico-chemical and Biological analysis of drinking water supplied to the residences in shivamogga city, Karnataka.

06. Research Guidance (Provide the list)

06.1: Ph.D (Completed):

Sl. No.	Title of the Thesis	Name of the Candidate	Year of the Award
1.	Studies on alternative land use systems for sustainable production and environment improvement in central dry zone of Karnataka	Sharanappa.Jangandi 479/9.10.2009	2016
2.	Assessment and evaluation of drinking water distribution systems through quality characterization and treatment methods in shimoga town.	Sowrabha.J	2016
3	A study on environmental factors and their effects on health and safety of employees in steel industries	Parameshwarappa 675/10.12.2010	2015
4	Comparative studies on conventional and Non conventional farming practices of agriculture	Anil Kumar Telageri 464/9.10.2009	Apri l2015
5	Studies on nitrogen practices in soil under different land use cover	ShilpaShree 465/9.10.2009	March 2015
6	Industrial wastewater Treatment by Chemical and Electrochemical treatment	Prakash Kariyajjanavar 1028/7.4.2007	2012
7	Sustainable Utilization of Agricultural waste as a source of Energy and Vermicompost	Veeresh S J 1027/7.4.2007	2011
8	Studies on Treatment of Effluents from Electroplating Industries.	Veena Devi, B	2011
9	Studies on Integrated Nutrient management on Growth, Yield and quality of Banana Cv. Robusta	Kulapati Hipparagi	2011
10	Vermicomposting Technology Transfer in Agriculture for Soil Fertility Improvement and Economic Sustainability	S. Shwetha	2009
11	Studies on the Ecology of Anjanapura Reservoir, Shimoga District	Basavaraja. D	2009
12	Land-use and land-cover changes	Nafeesa Begum	2009

	and its impact on water bodies and Biodiversity		
13	Studies on Orchidaceae in Shimoga district	Prasanth K.M	2007
14	Environmental factors influencing plankton species composition and diversity of lentic water bodies in Hosanagara Taluk	Ravindra Kumar K.P	2007
15	Ecological studies and plankton diversity on certain Lentic water of Shimoga Taluk	Sharada Kallimani	2007
16	Eco-friendly Approaches for the Integrated Management of Root - knot Nematode of Tobacco	H. Ravindra	2007
17	Biodiversity of Micro flora and fauna associated with hydrophytes of lentic water bodies of Sagar Taluk	R. Purushothama	2007
18	Ecological studies on certain lakes of Thirthahallitaluk, Western Ghat region, Karnataka State	Mr. Nagaraju	2006
19	Ecological studies of certain lentic water bodies of Davanagere District	Mr. D. Shanmukha	2006
20	Algal Biodiversity in some lentic water bodies of Tumkur District	Mr. V.N. Murulidhar	2002
21	Studies on Ground water quality of Badravathi town	Mr. Vijaya Kumar	2002

06.2: Ph. D (Ongoing):

B. Working	Ph. D Title	Name of the Candidate	Year of the registration
1	Exposure Assesment of Polyaromatic Hydrocarbons and Biological Monitoring of their Metabolities in Different Occupational Group Workers	Somnath Sen EN.02(78).24.04.2012	Thesis submitted
2	Assesment of existing waste management practices to develop economically and environmentally sustainable model in Airport operations	Suresh Raghupatruni	EN.03(79).24.04.2012
3	Influence of Biofertilizer treatments on Gherkin	Chandru Patil	En.41/12.12. 2013

	(Cucumis anguria) production in Haveri District , Karnataka, India		
4	Studies on water quality of river Yagachi with special reference to phytoplankton distribution and diversity.	Jayasudha A	262/05.04.2015
5	Ecological studies on Gudavi and surrounding wetlands with special reference to hydrological variables.	Manjunath S	255/05.04.2015
6	Degradation and removal of certain basic dyes used in paper industries by electrochemical method.	Spoorthi	261/05.04.2015
7	Impact Of Pesticide Residue In Paddy Field And Drifting Effect On The Health Of Farming Community.	Mahadev Sarashetti	259/20-03-2015
8	A study on cost effective constructed Wetland Models for waste water and coffee effluent treatment”.	Spoorthi K.J	

01. 06.3: M.Phil (Completed)

A. DETAILS OF SUPERVISION / RESEARCH GUIDANCE (M.Phil)

Sl. No.	Title of the Thesis	Name of the Candidate	Year of the Award
1.	Isolation, Extraction, Purification and Characterization of Protease Enzyme from Earthworm Eisenia foetida	Asharani	2010
2.	Assessment of Drinking Water Quality of Government Primary Schools of Barandur Cluster In Bhadravathi Taluk	Mr. Kantharaja G.S	2010
3.	Municipal Solid waste and Its Management “A Case study of Chikkamagalur City	Mr. Manjunatha	2008
4.	A Case Study on Occupational Health and	Mr. Siddesh, S.R	2002

	Safety of Employees in the Mysore Paper Mill Industry		
5.	Present Scenario of Municipal Waste Management and its Impact on Environment in Bhadravathi City	Ms. Sumithra. S	2002

06.4: M.Phil (Ongoing): -- Nil --

06.5: Student Project Guidance: - 25

07. Research Projects

Sl. No.	Investigator/Co-investigator	Title of the Project	Funding Agency	Amount	Man Power appointed/ Trained	Duration and Status
1	Co-Investigator	Bioprospecting of medicinal plants of Western Ghats, Karnataka	DBT BUILDER	177.10	02	01-01-2016-3Years
2	Principal investigator	Studies on ecological conditions on water bodies and aquatic biodiversity in Chikmangalur Districts, Western Ghats range of Karnataka”	DST-SERB	5,50,000	-	One Year 2016
3	District Coordinator	Peoples Biodiversity Report	Karnataka Biodiversity Board	5,20,500	09	2013-14

4	Principal investigator	Studies on freshwater ecology in western ghats of Shimoga district	UGC	7.0 Lakh	One	2012-14
5	Principal Investigator	Degradation and removal of basic dyes by electrochemical methods with reference to pulp and paper industry	UGC	10, 29,800	One	2012-15
6	Co-investigator	Production and supply of tissue culture plantlets of Banana varputtabale to the rural farmers & weaker sections of Shimoga District Karnataka for economic development	DBT	Rs.20 lakh	One	Completed
7	Investigator	Climate changes	KRVP MOEF (New Delhi)	Rs. 10,000.		Completed
8	Investigator	Agricultural Waste Utilization biotechnology for SC/ST and Weaker sections Economic Development”	DBT	Rs. 26 lakh	Three	Completed
9	Investigator	Vermicompost biotechnology for socioeconomic development of rural SC/ST and weaker sections in Shimoga district	DBT	Rs. 14.14	Three	Completed
10	Investigator	Distribution and diversity of Aquatic macrophytes in lentic water bodies	UGC	Rs.5,23,029.00	One	Completed

		of Shimoga district’’				
11	Investigator	Campus Solid Waste Management and Vermicomposting	Kuvempu University	Rs. 20,000.00		Completed
12	Investigator	Vermiculture Biotechnology	Kuvempu University	Rs. 12,000=00		Completed

08. Conferences, Seminars, Training Programmes, Refresher courses, etc., Organized as Organised Secretary

S1. No.	Name of the Conference/ Symposium/ Symposia/Seminar	Level (University/State /National/International)	Date(s)	Number of participants
1	Frontier Research in diversity and Taxonomy of medicinal plants	National Level seminar	5-6 th Nov 2016	350
2	One Day state level seminar on Environment and Health	State level seminar	22 th March 2016	200
3	One Day seminar on Recent trends in Environmental Science	State level seminar	20 th July 2015	300
4	One Day seminar on Urban Environmental issues and Challenges in India	State level seminar	11 th march 2015	180
5	One Day seminar on Recent trends n Environmental	State level seminar	22July 2015	250

	scence			
6	National seminar On Western ghats Biodiversity and Environmental conditions	State Level Joint collaboration with IISC Bangalore and Dept. Of Botany, KU	25 th Nov 2013	200
7	National Seminars on Nuclear Energy & Environment	National Joint collaboration with Environmental study cente, Santhekadur and Physics	10 th &11 th November 2011	Nos.300
8	National Conference on Global Climate Change perspectives and challenges.	National	23 rd and 24 th March 2011	Nos.200
9	One day seminar on wild life lovers meet organized in association with Forest department, Government of Karnataka	State level	July 2010.	Nos.300
10	National Environmental Awards Campaign on Solid waste Climate change	National	26 th March, 2010	Nos.250
11	One day seminar on Status of Biodiversity in Sahyadri Ghats	Sahyadri day celebration seminar on status of Biodiversity	8 th December, 2009 NGO Environmental Environmental Study Centre. Santhe Kadur study center	Nos.250

09. Conferences, Seminars, etc Attended and Papers Presented (Provide a list and indicate whether it is a Key note address, Inaugural address or Invited talk etc.,)

S I. No.	Seminars/ Conference	Date(s)	Title of the Paper presented	Remarks
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1				
2	One day Int. Conference on science and Technology for management of emerging environmental issues	7th Jan 2017 Dept of Env. Science, Bangalore University		
3	Orientation programme	24-25 th Jan 2017	UGC sponsored Orientation program at Goa University	Resource person
4	LAKE-2016: International Conference on “Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats”	28th to 31st December 2016	“Pulp and Paper Mill dye Effluent treatment by Electrochemical method”	Paper Presented
5	9th KSTA Conference on Science, Technology and Innovations in the 21st Century jointly organized by Karnataka Science and Technology Academy and Crist University	20th – 21st December 2016	“Studies on Pulp and Paper Mill dye – Basic Violet 3 by Electrochemical method”	Paper Presented
6	103 rd Indian Science Congress, Mysore	(3rd - 7th JAN 2016)	Stall Coordinator	Displayed university achievements
7	One Day workshop	4 th Febrauary.2017	Plastic free village at Singanmane Gram Panchayat	Resource person
8	National seminar on organic farming and sustainable management	12 th April 2015 Sahyadri College	Organic farming perspectives and challenges	Invited talk
9	Pre Science Congress-2014 Science and Technology for	30-31 st Dec 2014 Nagpur	Environmental problems and climate change impact in India	Key Note Lecture

	human Development ISCA , Aurangabad			
10	Symposium to Identify priority areas of occupational & environmental health research in the southern region	10 th October 2014 ICMR Bangalore	occupational & environmental health research in the southern region	Presented
11	Awareness training programme on biodiversity and associated traditional knowledge	8.9.2014 Zilla panchayath office, Shimoga	Biodiversity conservation and environment	Lecture delivered
12	National conference on Biodiversity conservation and sustainable management (BCSM-2014)	25 th and 26 th 2014 Applied Zoology, Kuvempu University	-	Chaired the session
13	Workshop on	9 -14 th Dec 2013	Workshop on	Attended and Presented
14	National conference on Global environmental problems its impact and solutions	22 nd and 23 rd February 2013 Nethaji subash Chandra Bose college, Nanded, Maharashtra	Current Environmental issues and challenges	Delivered lecture
15	International conference on Environment and occupational health	20-22 December 2012	Assessment of ground water quality using for drinking purpose in shimoga town	Chaired the session – Climate change and health
16	National Seminar on Applications of Isotope and Radiation Technology for Social benefits	June 21-23, 2012, Department of Environmental Science, Bangalore University	An emerging technique for de-fluoridation of water-A Nanotechnology.	Presentation
17	National Conference on Green technologies	4-5 April, 2012 Acharya Institute of	Current Environmental issues of Solid waste and its Challenges with	Presentation & Chaired the session

		technology, Bangalore	Reference to India	
18	National conference on New frontiers in animal science	Department of Zoology , Kuvempu university		Chaired the session
19	National Symposium on Biodiversity and Environment	3 rd to 5 th November 2011, Gulbarga University	Assessment of Indoor Air pollutants with special reference to particulate phase polyaromatic hydrocarbon in rural village	Presentation
20	Brain Storming Session	15-16 September 2011 NEERI	Recent trends in CO ₂ Capture and Sequestration	Participated
21	Inter-University Subject based Conference (2010-11)	27 th & 28 th May 2011	Mangalore University Dept. Marine Geology-	Attended
22	International Conference	22 nd to 24 th Feb 2011	Kinetics and removal of O-cresol using activated bagasse flyash as an adsorbent	Presentation (Penang, Malaysia) Chaired the session
23	Workshop	23-24/04/11	Preparation of self instructional material (SIM)	DDE Kuvempu University
24	International Conference	23 rd January 2010.	Degradation of Reactive Dye Solution by Electrochemical Method	Presentation
25.	Conference	29-31 st July 2010	Environmental pollution, water conservation and health	Presentation
26	Conference	5 th to 7 th Nov 2009.	Industrial Electrochemical Science and Technology”	Presentation
27	National Seminar	29 th to 31 st January 2009.	Sustainable waste Management: Problems and Solutions	Presentation
28	National Conference	6 th to 7 th February 2009	Recent Advances in Chemical Research	Presentation
29	National Seminar	29 th to 31 st January 2009.	Sustainable waste Management Problems and Solutions	Presentation
30	National	Nov 4 th to 8 th	VIII Global conference	Presentation

		2009	on Environmental Education”	
31	International conference	13 th to 14 th , January, 2008	Characterization of Activated Carbon from Coconut Shell by using Phosphoric Acid.	Presentation
32	National conference	1 st & 2 nd Feb 2008	Influence of integrated Parameter of French Bean	Attended
33	International conference	12 th to 14 th August 2008	Bio Plates.	Presentation
34	International Conference	6 th to 7 th , Feb 2008	Sustainable Agriculture	Presentation
35	International workshop	5-7, Feb 2007,	Integrated water Resource Management (IWRM-2007)	Participated
36	VijnanaSammelana	15 th to 16 th Sept-2007	3 rd Kannada VijnanaSammelana	Presentation
37	National conference	23 rd to 24 th March-2007	Emerging Areas in Chemical and Biological Sciences (NCEACB-2007)	Presentation
38	International conference	Nov 19-22, 2006	International conference in Zoology	Presentation
39	National seminar	7 th to 8 th Dec-2006	Plant Resources of Westernghats-ecology, economic and conservation	Presentation
40	Seminar	22-23 Jan 2005	Water and Health	Presentation
41	National seminar	28 th to 29 th January 2005	Vermitechnology and waste management	Presentation
42	Seminar	28 th to 31 st January 2004	Earth resource management and conservation	Presentation
43	National seminar	17 th to 19 th , Nov 2004	New Horizons in Envi.Science & Engineering India	Presentation
44	Symposium	09 th Dec 2003	Conservation, Restoration and Management of Aquatic ecosystems	Presentation
45	Allied publishers Pvt. Ltd	12 th to 14 th Dec 2002	Solid waste management	Presentation
46	National Symposium	5 th to 7 th June 2000.	Population in urban Environment	Presentation

47	National Seminar	25 th to 26 th March 2000	Maharashtra Seminar on Environment and Development	Presentation
48	National Seminar	3 rd to 5 th Aug 2000	Industry and Environment	Presentation
49	Seminar	4-6 th Dec 2000	Environment and Health	Presentation
50	National Seminar	28 th to 31 st Dec 1999	Industry and environment	Presentation
51	International Seminar	27 th March 1998	Remote sensing and GIS application	Presentation
52	National Seminar	10 th to 13 th Feb 1998	Recent trends in micro analytical technology	Presentation
53	Seminar	23 rd -27 th November 1998,	Ecological Engineering	Presentation
54	National Seminar	16 th to 18 th march 1996	Environmental Biotechnology	Presentation
55	Workshop	5 th Sept 2008	Waste paper recycling technology	Poster Presentation
56	Workshop	18 th to 20 th Dec 2003	Hazardous Waste Management	Presentation
57	Workshop	23 rd to 26 th June 2001	Vermicomposting and Medicinal plants Shimoga	Presentation
58	Workshop	3 rd to 5 th Aug 2000	Campus diversity initiative sponsored by Ford foundation Davangere	Presentation
59	Workshop	1 st to 6 th March 1999	Industrial Hygiene and Occupational Health, sponsored, Chennai	Presentation
60	Workshop	1998	Air and water pollution and control Mysore	Presentation
61	Induction training programme	12 th to 15 th Sept 1997	Teachers Induction training	Presentation
62	Workshop	27 th May 1996 to 1 st June 1996	Air and Water pollution and control	Presentation
63	Workshop	5 th Sept 2008	Waste paper recycling technology	Poster Presentation
64	Workshop	18 th to 20 th Dec 2003	Hazardous Waste Management Hyderabad	Presentation
65	Workshop Organised by AWAKE, Shimoga	23 rd to 26 th June 2001	Vermi composting and Medicinal plants	Presentation

9. Administrative Experience.

S1 No.	Position held	University/ Institution		
			Period	Nature of work
01	Chairman in Environmental Science	Dept. of Environmental Science, Kuvempu University	2010-16	Department administration
	Professor	Dept. of Environmental Science, Kuvempu University	17 Feb 2009	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
02	Reader	Dept. of Environmental Science, Kuvempu University	17 th Feb. 2003-2006	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
03	Associate Professor	Dept. of Environmental Science, Kuvempu University	Feb 2006-2009	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
04	Lecturer	Dept. of Environmental Science, Kuvempu University	9 th August 1996-16 th 2003	Teaching, Research, Sponsored research projects, Curriculum and Development, Academic, Administration
05	Guest Lecturer	Dept. of Botany, Kolar PG Center 1995-96	1996	Teaching
06	Guest Lecturer	Al-Ameen College PG centre	1995	Teaching

10.Memberships of University Bodies/other organizations

MEMBER IN THE ACADEMIC INSTITUTIONS/Government and NGOs

Sl. No.	University/ Organization/Institute Body	Nature of Association	Period
1	KSPCB	Technical Committee Member	2017-18
2	Member- Academic Council(KU)	Academic matters	2016-17
3	Chairman(BOE)	S.V University, Tirupathi	2017
4	Chairman(BOE) Ph.D Course work	Department of Environmental Science, KU	2010-17
5	Member Ambaragudda world Heritage site recommendation	Karnataka Biodiversity Board	2013-2014
6	Life member	Society for Advancement in biological sciences	16.3.2014
7	District Coordinator Peoples Biodiversity Registers project preparation	Karnataka Biodiversity Board	2013-2014
8	Honorary President	Aranya Vikas (NGO)	2002-2014
9	Advisory Board Member	KIDS(NGO)	2010
10	Member	Rotary and IJC	2006 onwards
11	Kuvempu University	BOS Chairman (Env.Science)	2008-14
12	Kuvempu University Wild life management	BOS &BOE Member for PG and Ph.D	2008-14
13	Kuvempu University	LIC committee	2005-14

		member	
14	Advisory member	Environmental study center, (NGO) Santhekadur	2008-14
15	Mysore University.	BOE Member	2013
16	Nagpur University.	BOE Member	2009-14
17	Gulbarga University	BOE/BOS	2011-2017
18	Nagpur university	BOA member	2008
19	Osmania University	BOE Chairman	2016
20	Kuvempu University	BOS Chairman(WMWH)	2009
21	Womens university, Bijapur	BOA member	2014
22	DBT project proposal evaluation panel	DBT ,New Delhi	2007-2010
Sl.No	Position	Journal	Year
1	Associate Editor	International journal of science and nature	2011
2	Research Paper Review member		2016

11.Extension/Outreach activities :

Extension/Outreach environmental Awareness programs organised

Sl No.	Activity	Date (s)	Target group/ Beneficiaries
1	A Role of Public In Environment Protection	25-11-2015	Farmers, Gram Panchayat Members
1.	World Environmental day and Plantation	5 th June.2015	50 PG students
2	Role of Public participation in Environmental conservation.	25.1.2015	100 PG students and public
3	World Environmental day and Plantation and Essay writing competition Programs	5 th June.2014	150 PG students and High school students 120

4	World Environmental day and Plantation Programs	5 th June.2013	150 PG students
5	World Environmental day and Plantation Programs	5 th June.2012	70 PG students
6	National Environmental awareness campaign Wetlands and conservation (KRVP)	15.4.2011	55 members SHGS and Farmers
7	World environmental day 2011	5 th June 2011	150 Students PG students and High school students
8	National environmental awareness campaign arranged On Climate change issues Jatha, quiz and public lectures arranged at Santhekadur	14.4.2010	150 School students
9	Climate Change workshop. Government High School Durgigudi. Shimoga	17.01.2009	61 Students
10	Vermicompost Training and Demonstration	28.02.2009 DBT sponsored	300 SHGs In Shimoga district

12.Environmental Awareness programs organized and lectures delivered

1. Resource Person-Orientation Program at Goa University, Goa(24-25th Jan 2017)
2. Resource Person-One Day workshop on Plastic free village at Singanmane Gram Panchayat 4Th February.2017
3. Environmental Awareness program on Climate Change and its impact - MOEF&KRVP sponsored project (2008-09) & 2009-10.
4. Environmental Awareness program on Vermicompost Production methods – MOEF New Delhi and KRVP , Bangalore & Rural Development Society, Shimoga , and SHGs, Kerehalli)2008-09
5. Seminar on Western ghat recognition as world heritage site organized by (Arayna Vikasa Rastryia Sikshana Samithi , Shimoga) 2012-13
6. Biodiversity conservation MOEF& KRVP 2012-13
7. Erehulu gobbara utpadane mathu savayava krushi inda arthika pragati (Vermicompost and Organic farming practices in farmers field promotes economic development)

8. Erehulu gobbarara tharabethiinda shivamogga Jilleya mahila swasahya sangagala arthika hagu samajika badalavane (Training and awareness on vermicompost empowered social and economic development of SHGs)
9. Adike hale thatte thayarikeinda gramina mahileyarige udyoga avakasha mathhy arthika pragathi Areca leaf plate making training is a self employment of Rural women SHGs for socio-economic development.
10. Vayuguna badalavane ya prakopagalindaguva anahuthagalannu thadeyona (Impact of climate change and protection of environment)
11. Mara Adarita Krushi: Sushitra Abivruidi Mullaadara (Arayna Vikasa Samsathe) 2001-02
12. Karegalu hagu Tavamshasha Pradeshagala Pramukyate mattu Niravahane (Rastryia parisara Jagartha Andolana Karyakrama) 2010-11.
13. Arivu Vistarana Upanyasas Malike (Kuvempu University, Prasaranga Jnana Sahyadri, Shankarghatta, Shrimati Indiragandhi Sarkari Prathama Dharje college , Sagar , Samyukta Ashryadalli) 2013-14

13.PUBLICATIONS IN NEWSPAPER AND MAGAZINE.

1. Prayogoda Hadiyalli A Monthly Magazine “ Janapada” January 2008 p. 48
2. Prayogoda Samikshe Etta Payana Weekly news paper Shimoga Edition “Times of Deenabandhu” 25th February 2012, p. 14.
3. “Ere Hula Gobbarda Balike inda Bhende Iluvari Ati Hechhu”, July 2012, p. 57. Sharad Krishi A Monthly Magazine Pune Edition

14.TV and Radio Telecast

1. Chandana TV- Vermicompost and Bioplate making – self employment SHGs.
2. AIR (All India Radio) Bhadravathi. The talk was arranged on 6th July on the topic Vermicomposting Technology and it was communicated on 9th July at 6:50 pm in Krishi Ranga programme.

3. *E-TV relayed the research topic on integrated nutrient management on Rice crop in Annadatha programme on 22nd April 2007*
4. .Details of Visits Abroad in connection with Academic/Research Programme
5. Visited Penang, Malaysia for paper presentation in the International conference from 22nd to 24th Feb 2011 and Chaired the session
6. . Received Thailand International Fellowship to attend International Training on Environmental Toxicology at Chulabhorn Research Institute, Bangkok 18th to 26th April 2013

16. HONOURS / AWARDS RECEIVED/ ABROAD ASSIGNMENTS

1. **Best paper presentation award received for research project paper presentation in the two days national seminar on Frontier research in diversity and taxonomy of medicinal plants sponsored by DBT New Delhi in 2016**
2. Received 2015 DERO Best Scientist Award on the occasion of national Conference on “ Role of Technology in Environmental Protection” Organized by the Deccan Environmental Research Organization Vijayapur, Karnataka, held on 29th Dec, 2015
3. Received Thailand International Fellowship to attend International Training on Environmental Toxicology at Chulabhorn Research Institute, Bangkok 18th to 26th April 2013.
4. Received Bharath Jyothi International Award sponsored by International Friendship society the international conference held on 7th January 2006 at Hyderabad for academic achievement.
5. Received Best paper presentation Award in the National Conference held on 2008 at St. Joseph college, Bangalore.
6. Visited Penang, Malaysia for paper presentation in the International conference from 22nd to 24th Feb 2011 and Chaired the session.
7. DBT .New Delhi has provided **Financial assistance** for creating education and training to the rural women SHGs and promote Self employment programmed through Vermicomposting and Areca plate making technology in rural areas of Shimoga District.
8. Received One Time Grant Award from UGC, New Delhi for recognition and successful completion of Ph.D guidance.
9. Chaired technical sessions in many National and International Conferences in India and abroad.
10. Invited as Resource person to deliver a lecture in Refresher courses and Seminar programs at Government and Non Government organizations

17. Other Information:

Extension/Outreach environmental Awareness programs organized

Sl No.	Activity	Date (s)	Target group/ Beneficiaries
1.	World Environmental day and Plantation	5 th June 2016	PG Students, faculty members, research students,
2.	World Environmental day and Plantation	5 th June.2015	50 PG students
3.	World Environmental day and Plantation and Essay writing competition Programs	5 th June.2014	150 PG students and High school students 120
4.	World Environmental day and Plantation Programs	5 th June.2013	150 PG students
5.	World Environmental day and Plantation Programs	5 th June.2012	70 PG students
6.	National Environmental awareness campaign Wetlands and conservation (KRVP)	15.4.2011	55 members SHGS and Farmers
7.	World environmental day 2011	5 th June 2011	150 Students PG students and High school students
8.	National environmental awareness campaign arranged On Climate change issues Jatha, quiz and public lectures arranged at Santhekadur	14.4.2010	150 School students
9.	Climate Change workshop. Government High School Durgigudi. Shimoga	17.01.2009	61 Students
10	Vermicompost Training and Demonstration	28.02.2009 DBT sponsored	300 SHGs In Shimoga district

18. EXAMINER FOR Ph.D. RESEARCH SCHOLARS :61

Sl. No.	Title of the Thesis	University/ Organization/Inst itute Body	Guide	Student	Year
1	Systematic Evaluation of water quality and pollution status in Cherapally lake R.R. Dist Telangana state	Osmania University, Hydrabad.	Prof. Gangadhar Rao	Miss Amrutha Kalyani	2016
2	Ecological studies of the green mussel perna viridis from intertidal region of mukka and subtidal region of karwar along the Karnataka coast	Mangalore university	Dr A M Khan	Mr Ashwin Tejaswi	2016
3	Survey on plant biodiversity of Adilabad forest with special reference to medicinal plants	Osmania University	Dr Jayanth Chapla	Mr Shaik Hafeez	2016
4	Determination of Flouride in Water and Biological Samples	S.V University, Tirupati	Dr Damodaram	Miss Varaprasuna M	2016
5	Evaluation of assessment of peocess for Environmental Clearence in India 1994-2009	RASTRASANTH TUKADOJI MAHARAJ NAGPUR UNIVERSITY	Dr P U Meshram	Mr Purushotham R Sakhare	2016
6	Effect of Mercury Pollution on Growth, Behaviour Of Vigna Mungo(L.) Hepper.	Thiruvelluavar University, Vellor	Dr A Subramani	Mr B Saminathan	2016
7	EIA study on Swarna Mukhi river basin using spatio-temporal satellite data.	S.V University, Tirupati	Dr Ramkrishna Naidu	Miss T Vani	
8	Policy options for a food secure world International Experience and its relevance for Developing Countries.	Gulbarga University.	Prof E T Puttaiah	Shobhana Kumar Pattanayak.	2016

9	Study on enzymatic activity in composting of Municipal solid waste	RASTRASANTH TUKADOJI MAHARAJ NAGPUR UNIVERSITY	Dr P U Meshram	Mr. Rajnikant Bidadar	2016
10	Biosynthesis and Antimicrobial Efficiency of Silver Nanoparticles using selected Higher plants	Karnataka University, Dharwad	Dr. T.C Taranath.	Miss. Nasreen I Hulkoti	2016
11	Evaluation of existing situation and prediction of water quality of few Bangalore lakes in integration with urbnaization and industrialization of Bangalore”	Dept Of Zoology Bangalore University	Dr Ramachandra Mohan	Ms Mamatha P	2016
12	A study on Landscape Limnology of Loktak Lake in Indo-Burma Biodiversity Hotspot Region	Dept Of Environmental Biotechnology, Bharathidasan University	Dr M Govindaraju	Mr Rajiv Das Kangabam	2016
13	Clinical genetic and environmental perspectives of patients with type 2 diabetes and periodontal disease in semi urban population of Tamilnadu	Dept of neurology carrier college of medicine Bharthiar university	Dr kempuraju duraismy	S jai karthik	2016 Viva condu cted
14	Ecological studies on kumshi reservoir, Gulbarga district, Karnataka	Dept of zoology, Gulbarga University,	Dr Zeba parveen	Mrs sheikh faheneeda khawajamiy a	2016
15	Soil chemistry of irrigated and non irrigated farmlands of beed district, Maharashtra.	Department of Environmental Science.	Dr.S.S. patil	Mr S.V. Lamtur	2015
16	Landscape ecological evaluation of pachamalai reserve forest using remote sensing and GIS techniques	Department of Botany Bharathidasan university, Thiruchirapally	Dr. M. Govindaraju	Mr. M. selvaraj	2015
17	Oil and Hydrocarbons exploration in peninsular India by advanced biological and biochemical methods	Department of chemistry	Dr.D, Roopa singh.	T. Sangeetha	2015

18	Response of plant growth promoting rhizobacteria on disease resistance, growth, yield and nutritional assessment of cow pea (<i>Vigna unguiculata</i> (L.) Walp) and soybean (<i>Glycine max</i> (L.) Merrill)	Dept of Botany, Queen Mary's college Chennai.	Dr T V Poonguzhali	Ms M.L.S Sridevi	2015
19	Assessment of land use/land cover changes, climatic factors and its impact on wetlands in Ramanathapuram taluk of Tamil Nadu using Remote sensing and GIS.	Department of Botany Bharathidasan university, Thiruchirapally	Dr. M. Govindaraju	Ms B Sarojini Devi	2015
20	Impact of lead on growth yield and biochemical changes of cow pea	Department of botany, bharathiyar university,	Dr.P.S.Shavaranan	M.krshnaveni	2015
21	Environmental Assessment and development of management planning strategies to restore land water resources of Tiruppur area using remote sensing and GIS	Department of Botany Bharathidasan university, Thiruchirapally	Dr. M. Govindaraju	Mr P R Abhilash	2015
22	Soil chemistry of irrigated and non irrigated farmlands of Beed district, Maharashtra	Dr.Babasaheb Ambedkar Marathwada university, Aurangabad-431004(M.S.)	Dr.S.S. patil	Mr.S.V. Lamture	2015
23	Heavy metal pollutant in suspended and bed load sediments and biomass of Nethravathi river and their impact on the environment, Dakshina Kannada (Dt) Karnataka	Department of Marine Geology, Mangalore University	Dr. C. Krishnaiah	Sandhya S.K.	2015 Viva
24	Studies on the environmental disasters and their mitigation : A case study of Kolhapur district	Shivaji University, Kolhapur	Prof. Jay samant	Shri. Sandip B. Mangalekar	2015
25	Determination of toxic metals (cadmium, chromium and lead) using selected plants species (<i>Mirabilis alapa</i> and	Dept Of Environmental Science. Sri Venkateshwara	Dr Ramakrishna Naidu	Ms S A Shahazaz Begum	2015

	Datura inoxia)	University.			
26	screening and isolation of micro algae hametococcus piurialis and extraction of the pigment astaxanthin for its anti cancer potential.	Dept of Biotechnology, Ma dras University	Dr S Elumali	Mr.B. Infant Santhose	2015
27	A study on ground water regime in Markandeya reservoir basin	Jawaharlal Nehru Technological University, Hyderabad		Ms. Latha.S	2014
28	Study of water distribution system for water safety plan	Rashtrasant tukadoji Maharaj Nagpur University, Nagpur	Swapnil r. kamble	Dr. P.U. Meshram	2014
29	Eco sutainability assessment of Godavari river water for sustainable utilization	Dr.Babasaheb Ambedkar Marathwada university, Aurangabad-431004(M.S.)	Dr.S.S. patil	Mr.Ishwar B. Ghorade	2014
30	Antibacterial activity and phytochemical analysis of Alpiia galangal(L).Wild	Bharathiar University, Coimbatore	Dr.G. prabhakaran	Deepa.S	2014 Exam iner
31	Studies on the impact of mining activities on Environment in Kolhapur district	Shivaji University, Kolhapur	Prof. Jay samant	Sri R.J. Lad	2014
32	Impact of lead on growth, yield and biochemical changes on Cow pea(Vigna unguiculata(L.)Walp	Bharathiar University, Coimbatore	Dr. p. Sharavanan	M. Krishnaveni	2014
33	Autecological studies on the river mangrove Aegiceras corniculatum(L.)Blanco in Karnataka	M G University Kochi	Dr. M S Francis	Jayakrishna n.G	2014
34	Seasonal and Idiopathic diseases management by newly designed high yield platelets separation technique	Osmani University Thirupathi	Prof. Gangadhar Rao	M.S. Shanmukha swamy	2014

35	The Impact of Textile mill effluent on the quality of Ground water at solapur dist. belt	Swamy Ramananda teerth Marathavada University, Nanded	Dr. D.P. Panaskar	Mr. Ranjisinha subash pawar	2014
36	Flowering and Fruiting phenology of Trees and Lians in tropical dry evergreen forests on the coromondal coast of peninsular india	Pondicherry university	Dr. Ramamoorthy	B. swaminathan	2013
37	Certain ecological aspects of potential fishing zones off karwar coast	Karnataka University	Dr. U. G. Bhat	Mr. Deshpande	2013
38	Biological Control of Disease and Nutrient Assessment of Lycopersicum esculentum Mill	Annamalai University	Dr.P Thamizhinian	G. Selva Kumar	2012 Exam iner
39	Faunal Diversity in the Mangrove Ecosystem of Kali estuary	Karnataka University	Dr.R.L Rathod	Roopa	2012 Exam iner
40	Conservation of Endemic Medicinal Plants of Sesachalam Hills Tirumala	SV University Tirupati	Dr. T Damodaram	Vipra Narayana	2012
41	Status of Aquatic Weeds of Kanya Kumari Dist from Selected Environment and their biotechnological application	Scott Christian College (Autonomos) Nagerkoli	Dr.Regini Balasing	S.Hepsiba	2012
42	Bio management of Banana Leaf waste through Vermitechnology and Microbial Technology	Manonmian Sundaranar University	G.S. Vijayalakshmi	Dr.T Srinivasan	2012
43	Comparative study of medicinal values of Different Mulberry Varities	Babasaheb Bhimrao Ambedkar University	Dr. Venkatesh Kumar.A	Semma Chauhan	2012
44	Antimicrobial and Anticancer activity of Marine isolates of Karwar coasts	Karnataka University, Dharwad	Dr. J.L. Rathod	Pradeep vishwanath Khazre	2012 Exam iner
45	Study on the Analysis of Field Application of Vermicomposting produced	Mononmian Sundaranar	Dr. T. Saradha	c. Rani Vijaya	2012

	from different organic waste by using Vermiculture Technology	University			
46	Effect of Native A.M Fungi on Growth, Nutrition and Photochemical Constitution in coleus aromaticus Benth	Annamali University	Dr. P Thamizinium	M. Pance Selvam	2012
47	Ecology and biodiversity of micro algae of two fresh water lakes (Un polluted and polluted) T. N State India	Queens Marrys College , Mylapore Chennai.	Dr. T. V Poongazhali	A. Vetri Selvi	2012
48	Conservation and integrated Development of Sharanabasaveshwara Lake.	Gulbarga University	Dr. K. Vijayakumar	M. Rajashekar	2012
49	Environmental Effects of East coast road between Cuddalore and Tharangainbadi T. N	Bishop Heber College Tiruchirapally	Dr. C. Ravichandran	S. Jayalakshmi	2012
50	Agrobactirium Turnifacius Meadiated Gene Transfer in pegion Pea(Cajarus Cajan (L)Mill Sp. (co.6)	Presidency College Channai	Dr. S. Elumalai	M. Prabhakaran	2012
51	Studies on some trace metal contents from Manjara dam with reference to selected Algal Members	Swamy Ramananda teerth Marathavada University, Nanded	Dr. Bhosale Arjun Bapurao	Mane Pramod Chandrakan t	2011
52	Hydrological studies on Hirehalla Reservoir Koppal District	Gulbarga University	Prof. Vijaykumar	Mullar Rajamaham admuth uzahab	2011 Exam iner
53	Studies on the seasonal trends in physic0 chemical factors and phyto plankton diversity of river thambra parani, Kanyakumari(Dist) South Tamilnadu	Scoot Christian College (Autonomos) Nagerkollae – 629003	Dr. Regini. Balasingh	Prakash. J	2011
54	A study of the diversity ecology of fresh water fishes of town river system of Gulbarga district, karnataka	Gulbarga University	Dr. K. Vijayakumar	Vijayalaksh mi	2010

55	The Ecological and Biological studies on Chironomidae of Karnataka	Gulbarga University	Dr. K. Vijayakumar	Murali Jagadesh. V	2010 Examiner
56	Studies on the transformation changes in hydro ecology. Plankton and Fish composition of Kayamkulam lake with respect to recent ecological disturbances	S.D. College Alappuzha University of Kerala	Dr. Thomas Zachariah	A.Amina	2010
57	Effect of A M Fungi on the seed germination, seedling growth, yield biochemical changes and mineral contents of groundnut (Archies hypogaea L under Tannery effluent)	Annamali University	Dr. T. Rangarajan	P.Indira	2010 Examiner
58	Trace metal analysis in environmental samples (Selenium, Cadimum, Lead and Chromium)	Sri Venkateshwara University	Prof. Ramakrishna. Naidu	K.Prasad	2009
59	Development of Optimized Muncipal Solid waste Management system	Dr Babasaheb Ambedkar, Marathwada, Unive rsity, Aurangabad	Dr. N.N Bandela	Dayananad Ganutare	2008
60	Water quality Monitoring of Selected water bodies of Charaginkeezhu Gram Panchyat	University of Kerala Kariyavattom	Prof V.R Prakasma	Binu K.S	2008
61	Investigation on the algal flora of Iddukki District	M G University Kochi	Dr. M S Francis	Jose John	2007

Date:

Signature