



**BIO-DATA, RESEARCH, PROFESSIONAL AND ADMINISTRATIVE
EXPERIENCE OF Dr. S. L. BELAGALI**

1. Present and Mailing Address : **Dr. S. L. BELAGALI**
Professor of Environmental Chemistry
DOS in Env. Science
University of Mysore
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2. Academic Background:

S.S.L.C. Eng,Kan,Hindi,Sci. Maths, Soc.Studies	First Class with Dn. (70.3%)	1971-1974	N.H.S. KABBUR
P.U.C. Kan, Eng, Phy, Maths, Bio, Chem.	First Class with Dn. (80.3%) ,	1974-1976	Bas. Kore College CHIKODI
B.Sc. Maj: Chemistry Min: Phy & Maths	First Class with Dn. (82.3%) , 6 th Rank to Karnataka University, DHARWAD.	1976-1979	Bas. Kore College CHIKODI
M.Sc. Organic Chemistry	First Class (64.4%)	1979-1981	Karnataka University DHARWAD
Ph.D. Natural Products Chemistry	-----	1989-1992	Southampton University (U.K.)

3. Research Experience:

Studied the following Courses in Indian Institute of Science, Bangalore-12, from 1981/August to 1982/November.

Course No. and Title	Grade
a) OC 205 Methods in Organic Synthesis	B
b). OC 206 Biosynthesis of Natural Products	B
c). OC 207 Spectroscopy for Organic Chemists	B
d). CB 105 General Bio-Chemistry	D
e). BC 203 Enzymology	B
f). OC 301 Current Highlights in Organic Chemistry	B

Research work was carried out for 10 months:

Topic: **"MICROBIAL TRANSFORMATION OF SESQUI TERPENOIDS"**

Later worked for the Ph.D. Degree in Southampton University (U.K), for 3 years (1989/June to 1992/June) under the Supervision of Prof. P.J. Kocienski.

Topic: **"A SYNTHETIC APPROACH TO GEODIAMOLIDES A & B"**

Currently engaged in research in the field of Bio-degradation of Pesticides, Fertilizers, Solid wastes, Water Pollution, Atmospheric Chemistry, Newer methods of trapping metal ions: In the field of natural products Chemistry, supervised four Candidates for M.Phil and three candidates for Ph.D. Degrees. Two Candidates were awarded the Ph.D degree in the field of Atmospheric Chemistry and three more candidates were awarded the Ph.D degrees in the Water Pollution Studies. One candidate was awarded Ph.D. degree in pesticide field and one more in the field of newer methods of trapping metal ions. One candidate is working in the field of water pollution Studies, another in the fertilizer degradation studies and two in the field of adsorption studies & two more in the solid waste degradation studies.

: M.Phil. Candidates :

Names of the candidates

Titles of the dissertations/ Theses

1. Mrs. Thankamma Mathew : Methods of N- ¹BOC protection and N -methylation amino acids and peptides (1993).
2. Mrs. Geetha Prakasini S.R. : Preparation of peptides and their coupled derivatives with substituted aryl furfurals (1994).
3. Mr. Rajeev Thomas : Synthetic studies on some cyclic peptides (1996).
4. Mr. Harish Kumar K. : Synthetic and biological studies on some cyclic peptides and heterocyclic derivatives of peptides (1997).

Ph.D. Candidates:

1. Mrs. M. Himaja : Studies on some cyclic peptides and heterocyclic derivatives of peptides (1998).
2. Mr. Boja Poojary : Studies on some cyclic peptides and heterocyclic derivatives of amino acids and peptides (2000).
3. Mr. Harish Kumar K : Studies on some biologically active heterocycles and their condensation products with amino acids and peptides (2002).
4. Mr. Pramod Pai : Investigation of fine particulate exposure metrics in an urban location (2006).
5. Ms. Oinam Jayalakshmi Devi : Study of water quality parameters of rural areas in Karnataka (2007).
6. Mr. Padmanabha B. : Comparative account of zooplankton ecology in the lakes of Mysore (2007).
7. Mr. Hancox Wilson Jaoko : Modeling surface Ultraviolet – radiation for low latitude UV-B regions in Africa (2008).
8. Mr. Mohammad Nasser Modoodi : An Assessment of Pollution Levels of pesticide residues in Soil & Water systems of Mysore District (2009).
9. Ms. Shanthalakshmi K. : Identification and estimation of metal ions from the industrial effluents (2010).
10. Mr. K.S. Kumar : Evaluation of Physico-Chemical and Biological

characteristics of sewage in Tumkur city, Karnataka State (2011).

11. Miss.Geetha K.S Newer methods of chemical structure identification studies and Removal kinetics of selected dyes and toxic metals using natural adsorbents(working).
12. Miss.Divya J An Assessment of fertilizer levels and their degradation pattern in the agricultural areas around Mysore (working).
13. Mr.Rajanna A.H Investigation of water and soil characteristics due to industrialization : A case study of Nanjangud Industrial area (working).
14. Ms.Shyamala D.C Physico-Chemical characteristics of compost along with degradation process studies of Municipal Solid Waste of Mysore city (working).
15. Mr.Manohar B Spectroscopic studies on the degradation of solid wastes (working).
16. Mr.Bhanuprakash M Adsorption techniques for the removal of dyes from textile effluents using natural adsorbents (working).

Recognized guide for Chemistry subject also.

4. Research Projects:

- I. ICR Project with Minnesota University, Minneapolis (USA) on: “**Urban Air Pollution Studies**”.
- II. Respond Project from ISRO, Bangalore on: “**Quantification of Methane Flux from Cattle Manure Dumps in the Rural Areas**”.
- III. Ministry of Environment & Forests project on: “**Industrial Pollution Abatement through Preventive Strategies**”.
- IV. Collaborative Research Project with Philips Electronics India, Ltd., Guragaon on “**Impact study on use of Chulha’s**”.
- V. UGC Major Research Project on: “**A study on the composting phenomena-its relevance, Physico-chemical & Spectroscopic approach**” (on-going).

5. Research Publications: 114

6. Professional Experience:

Teaching: Total 29 years (Permanent service) (27 yrs PG & 2 yrs UG)

As a Lecturer:

- | | |
|---|-------------------------------|
| a). LVD College RAICHUR (Tempo.) | 1982/December to 1983/March |
| b). SMS College ATHANI (Tempo.) | 1983/August to 1983/December |
| c). Bas.Science College, (Perm.)
BAGALKOT | 1984/January to 1986/ January |
| d). Mangalore University, (Perm.)
MANGALAGANGOTRI | 1986/February to 1995/March |
| e). Worked as a part time
demonstrator in Southampton
University (U.K.) | 1989/October to 1992/June |

As a Reader in Organic Chemistry

Mangalore University
MANGALAGANGOTRI. 1995 April to 1999 September

As a Professor of Environmental Chemistry:

University of Mysore,
MANASAGANGOTHRI 1999 October to date.

7. Courses taught at Mangalore and Mysore Universities for P.G. Students:

- Reaction mechanisms
- Proteins, peptides and amino acids
- Dyes and Drugs
- Chemistry of lipids
- Chemistry of Natural products (terpenoids, alkaloids, steroids and natural pigments).
- Structure and Functions of Nucleic acids.
- Spectroscopy
- Environmental Chemistry.
- Instrumental methods of Analysis
- Environmental Toxicology
- Environment related topics

8. Prizes/Awards etc.:

- Holder of the Government of Karnataka Scholarship for passing M.Sc. examination in First Class at the First attempt.
- Holder of the National Overseas Scholarship for Study abroad, awarded by the Ministry of Welfare, Government of India, New Delhi.

9. Administrative Experience:

Worked as Co-ordinator, DOS in Environmental Science, University of Mysore, Mysore-6, since Oct. 1999 to October 2008. From November 2008 onwards, worked as a Chairman, DOS in Environmental Science, University of Mysore, Manasagangothri, Mysore-6 upto 27.01.2011. Also held the Chairmanship of BOS, BOE. Previously worked as a member of the Academic Council, University of Mysore, Mysore-5 for two years. Member of BOA for Mysore University & other Universities & institutions including NCERT, CFTRI etc., Member & Chairman of Local inspection committee for the colleges. Did the confidential work for UGC, UPSC, Orissa Public Service Commission, member of UGC assessment committees.

10. Extension Activities:

Under my leadership, the Environmental Science department of Mysore University got the new building (U-shape), laboratories were equipped, teaching staff members were recruited. The teachers were motivated to write the research projects and most of them hold the projects. A lot of M.Sc. & Ph.D candidates have got the jobs and a few have gone abroad for jobs as well as for higher studies. Many students cleared NET/SLET examinations conducted by UGC, New Delhi.

Two national level seminars were conducted in the department with myself as the convener.

- (i). Environmental Hazards-priorities and protection in the 21st century (2nd & 3rd March 2001)
- (ii). Current Trends in Environmental Science & Sustainable Development (27th & 28th February 2009)

11. References:

- | | |
|--|---|
| <p>1) Prof. Philip J. Kocienski
Department of Chemistry
Joseph Black Building
University of Glasgow
GLASGOW
G12 8QQ (U.K.)</p> | <p>2) Prof. B. Thimme Gowda
Department of Chemistry
Mangalore University
MANGALAGANGOTHRI-574 199
(D.K.) INDIA.</p> |
| <p>3) Prof. T. Shivashankar Murthy
Vice-Chancellor
Mangalore University
Mysore-5.
Dakshina Kannad
Karnataka State, India</p> | <p>4) Prof. V.K. Jain
Vice-Chancellor
Doon University
New Delhi.
Uttaranchal</p> |

RESEARCH PUBLICATIONS OF Dr. S. L. BELAGALI

A. INTERNATIONAL JOURNALS:

1. A method for the Chromatographic Resolution of Tetrahydropyran-2-ones.
P. Ashworth, **S.L.Belagali**, Sharon Casson, Anna Marczak and Philip J. Kocienski.

Tetrahedron **1991**, 47, 1999.
2. Synthetic and Biological studies on Hymenamide-G.
S.L.Belagali, Harish Kumar K., Boja Poojary and Himaja M.

Chimica Acta Turcica **1998**, 26(1), 61.
3. Total Synthesis of the Cyclopeptides Fenestins A & B.
Shiddappa Belagali, Rajeev Thomas, Himaja M, Harish Kumar K and Boja Poojary.

Chimica Acta Turcica **1998**, 26(2), 53.
4. Total synthesis and biological evaluation of Hymenamide-H.
Shiddappa Belagali, Harish Kumar K., Himaja M. and Boja Poojary.

Chimica Acta Turcica **1998**, 26(2), 93.
5. (Nitro) Hymenamide A, Unusual biologically active cyclic peptide.
S.L.Belagali, M. Himaja, K. Harish Kumar, Rajeev Thomas, S.R. Geetha Prakashini and Boja Poojary.

Bollettino Chimico Farmaceutico **1999**, 138, 160.
6. Synthetic studies on Pseudostellarin -A
M. Himaja, K. Harish Kumar, M.V. Ramana, **S.L.Belagali**

Polish Journal of Chemistry **1999**, 73, 1903.
7. Synthesis and biological evaluation of Pseudostellarin - D
M. Himaja, K. Harish Kumar, M.V. Ramana, **S.L. Belagali**

European Journal of Medicinal Chemistry **1999**, 34 (6), 525
8. Synthesis & biological evaluation of Pseudostellarin - B
Boja poojary, K. Harish Kumar, **Shiddappa L. Belagali**.

IL FARMACO **2001**, 56, 331.

9. Synthetic and antibacterial studies on some new furanopeptides
Boja Poojary, **S.L.Belagali**, K. Harish Kumar, B.Shivarama Holla

IL FARMACO **2003**, 58, 569
10. Synthesis of a new cyclic peptide, Pseudostellarin - G
Boja poojary, K. Harish Kumar, **Shiddappa L. Belagali**.

Z. Naturforsch. **2004**, 59b, 817.
11. Synthetic and Biological activity studies on a New cyclic pentapeptide -
Cyclonitroproctolin
Boja Poojary and **Shiddappa L. Belagali**

Z. Naturforsch, **2005**, 60b, 1308
12. Synthesis, Characterization and Biological evaluation of cyclic peptides:
Viscumamide, Yunnanin A and Evolidine
Boja Poojary and **S.L. Belagali**

Z.Naturforsch, **2005**, 60b, 1313
13. Synthetic studies on cyclic octapeptides: Yunnanin F and Hymenastatin
Boja Poojary, **Shiddappa L. Belagali**.

European Journal of Medicinal Chemistry **2005**, 40, 407.
14. Effects of heavy metals on rotifers in the lakes of Mysore – A model approach.
Padmanabha B. and **Belagali S.L.**

Res.J. Chem. & Environ. **2006**, 10(1), 48.
15. Comparative study on the zooplankton ecology in the lakes of Mysore, Karnataka
Padmanabha B. and **Belagali. S.L.**

Journal of Current Sciences. **2006**, 9(2), 795.
16. Hydrogeochemical Studies of Ground water in Chamarajnagar District of Karnataka.
Oinam Jayalakshmi Devi and **S. L. Belagali**.

Pollution Research **2006**, 25(4), 783.
17. Diversity indices of rotifers for the assessment of pollution level in the lentic
ecosystem of Mysore city.
Padmanabha B. and **Belagali S.L**

Poll. Res. **2007**, 26(1), 65.

18. Macrobenthos as pollution indicators in the lakes of Mysore.
Padmanabha B. and **Belagali S.L**

Poll. Res., **2007**, *26(2)*, 245.
19. Water quality Index of Kabini River in the Kallahally Village of Nanjangud Taluk,
Mysore District, Karnataka (India)
B. Padmanabha and **S.L. Belagali**

Journal of Envi. Science & Engg **2007**, *49(1)*, 48.
20. Ostracods as indicators of pollution in the lakes of Mysore.
Padmanabha B and **S.L. Belagali**

J. Envi. Biol., **2008**, *29 (3)*, 415.
21. Pesticide Residues Contamination in water samples collected from Four lakes
Of Mysore City
Mohammad Nasser Madoodi and **S.L. Belagali**

Journal of Ultra Scientist of Physical sciences **2008**, *20(3)*, 477.
22. A study on correlation coefficient of some Physico- Chemical characteristics of Tumkur
City Sewage
K.S.Kumara and **S.L. Belagali**

Current World Environment **2008**, *3(1)*, 83.
23. Synthesis & Spectrophotometric studies of 4-(2-Benzothiazolylazo) 2-amino-3- hydroxy
pyride as a analytical reagent
K. Shanthalakshmi and **S.L. Belagali**

Research journal of Chemistry & Environment **2008**, *12(3)*, 59.
24. Synthesis & spectrophotometric studies of some benzothiazolylazo dyes for the
determination of Copper, Zinc, Cadmium, Cobalt and Nickel
K. Shanthalakshmi and **S.L. Belagali**

Bulgarian Chemical Communications **2009**, *41(4)*, 380.
25. Adsorption studies of potassium permanganate & dyes using Egg shell as on adsorbent.
K. S. Geetha and **S.L. Belagali**

The Ekologia **2010**, *10 (1/2)*, 31.

26. Physico-chemical characteristics of paper industry effluents - a case study of South India Paper Mill (SIPM).
Ningombam Linthoingambi Devi, Ishwar Chandra Yadav, Q.I.Shibhu, Surendra Singh and **S.L.Belagali**.
Environ. Monit. Assessment (Springer Science + Business Media B. V. **2010**)
DOI 10.1007/s 10661-010-1614-1.
27. Spectrophotometric determination of copper and zinc from the industrial effluents
K. Shanthalakshmi and **S.L.Belagali**
International Journal of Chemistry and Applications, **2010**, 2, 131.
28. Application of Natural adsorbants for dyes and industrial effluents
K.S.Geetha and **S.L.Belagali**
The Ecoscan, **2011**, 5(1&2), 89.
29. Dyes adsorption studies on natural adsorbent Chewing tobacco
Geetha K.S and **S.L.Belagali**
The Ecologia. **2011**, 11(1-2), 47-54.
30. Assessment of seasonal variations of Physico-chemical profile of Kabini river, Nanjangud, Mysore, Karnataka.
Rajanna A.H and **Belagali S.L.**
The Ecoscan, **2011**, 5(3&4), 147-151.
31. Removal of some heavy metals from Aqueous effluents by Adsorption on Egg shells.
Geetha K.S and **Belagali S.L**
Poll. Res, **2012**, 31(1), 11-116.
32. Bacteriological analysis of water and soil samples around Nanjangud industrial area, Mysore district, Karnataka, India,
Rajanna A.H and **Belagali S.L.**
International journal of Environmental Sciences, **2012**, 3(1), 839-851.

33. Analysis of agricultural soil and Kabini river sediment characteristics around Nanjangud industrial area, Mysore, Karnataka.
Rajanna A.H and **Belagali S.L.**
Poll. Res. **2012**, 31(2). 175-183.
34. Assessment of Urea residues in agricultural soil samples around Mysore, Karnataka, India
Divya J and **Belagali S.L**
Bulgarian Chemical Communications, **2012**, 44(2), 148-154.
35. Impact of Chemical fertilizers on water quality in selected agricultural area of Mysore district, Karnataka, India.
Divya J and **Belagali S.L**
International journal of Environmental Science, **2012**, 2(3), 1449-1458.
36. Effect of chemical fertilizers on physico-chemical characteristics at different maturity stages of municipal solid waste.
Divya J and **Belagali S.L**
The Ecoscan, **2012**, 2, XXX (accepted).
37. Studies on variation in physico-chemical and biological characteristics at different maturity stages of municipal solid waste.
Shyamala D.C and **Belagali.S.L**
International journal of Environmental Science, **2012**, 2(4), 1991-2004.
38. Adsorption studies of some metals and dyes on Garlic Husk a cheap adsorbent.
Geetha K.S and **Belagali S.L.**
The Ecoscan, 2012. 7(2), xxx.

B. NATIONAL JOURNALS

39. A highly efficient method of N-methylation for the amino acid derivatives.
Belagali S.L., Thankamma Mathew, Himaja M. and Philip J. Kocienski
Indian Journal of Chemistry (Section B) **1995**, 34B, 45.
40. A Synthetic route to the tripeptide unit of Geodiamolide-B.
Belagali S.L. and Kocienski P.J.
Indian Journal of Chemistry (Section B) **1997**, 36B, 562.
41. Macrocyclisation studies on Geodiamolide-A
Shiddappa L. Belagali and Philip J. Kocienki
Indian Journal of Heterocyclic Chemistry **1997**, 6, 211.
42. Pentatomid bugs also serve
Hosetti B.B., **Belagali S.L.**, Ujwal P. and Mohan B.S
Indian Journal of Chemistry and Biology of herbal medicine **1997**, 79-82.
43. Synthetic and Biological studies of some 5-(p-Chloro-Phenyl furan-2-Carboxyl) Peptides and 4-(2'-(5'-Formyl) Furyl) benzoyl Peptides.
S.L.Belagali, K. Harish Kumar, Boja Poojary and Himaja M.
Indian Journal of Chemistry (Section B) **1998**, 37B, 370.
44. Synthesis and Biological activity of Pyridine-3-Carboxyl amino acids and peptides.
Belagali S.L and Himaja M.
Indian Journal of Heterocyclic Chemistry, **1998**, 8, 11.
45. Synthesis and evaluation of anti-inflammatory activity of 2-(4-isobutyl phenyl) Propionyl derivatives of amino acids and peptides.
S.L.Belagali and M. Himaja.
Indian Journal of Chemistry (Section B), **1999**, 38B, 505.
46. Synthesis and Characterisation of some amino acid derivatives of 3-Carboxy methyl-7-hydroxy-4-methyl Coumarin.
Boja Poojary, **S.L.Belagali**, K. Harishkumar, Shivarama Holla and Richard Gonsalves
Indian Journal of Heterocyclic Chemistry, **2000**, 9,263.
47. Synthesis and Biological Evaluation of Amino acid derivatives of Benzothiophenes.

Boja Poojary, **S.L. Belagali**, K. Harish Kumar, B. Shivarama Holla and Arun Bhagwat.

Indian Journal of Heterocyclic Chemistry **2000**, *10*, 249.

48. Synthesis and characterization of biologically active cyclic peptides – PseudoAvellanins A & B
K Harish Kumar, Poojary Boja, **S.L.Belagali**

Indian Journal of Heterocyclic Chemistry, **2002**, *12*, 149.

49. Study of Water Quality Parameters in Selected Areas of Karnataka State.
Oinam Jayalakshmi Devi, **S.L.Belagali**, S.N. Ramaswamy, Regina Sharmila Dass and G.R. Janardhana

Indian Journal of Environment and Ecoplanning, **2005**, *10*, 405.

50. Investigation on water quality characteristics in selected areas of Karnataka state, India
Oinam Jayalakshmi Devi, **S.L. Belagali**, S.N. Ramaswamy, R.S. Dass

Indian J. Environ & Ecoplan. **2005**, *10(2)*, 405.

51. Water Quality Assessment from Different Districts of Southern Karnataka, India
Oinam Jayalakshmi Devi and **S. L. Belagali**.

Nature Environment and Pollution Technology, **2005**, *4 (4)*, 589.

52. Comparative study on the water quality index of four lakes in the Mysore city.
Padmanabha B. and **Belagali S.L**

Indian J. Environ. Prot. **2005**, *25 (10)*, 873.

53. Comparative study on the length-weight relationship and condition factor of fish C. Mrigala in the two lakes of Mysore.
Padmanabha B. and **Belagali S.L**

Indian Journal of Environmental Protection, **2006**, *26 (7)*, 734.

54. Comparative study on population dynamics of rotifers and water quality index in the lakes of Mysore.
Padmanabha B and **Belagali S.L.**

Nature Environment and Pollution Technology **2006**, *5(1)*, 107.

55. Ground Water Classification of Mandya District (Karnataka), Based on Hydrogeochemical Studies
Oinam Jayalakshmi Devi and **S. L. Belagali**.
Nature Environment and Pollution Technology **2006**, 5(4), 553.
56. Physico - Chemical and Biological Quality of Drinking Water In Mandya District, Karnataka.
Oinam Jayalakshmi Devi and **S. L. Belagali**.
South Asian Anthropologist **2006**, 6 (1), 51.
57. Environmental Quality of Groundwater in Kodagu District, Karnataka, India.
Oinam Jayalakshmi Devi, A. Balasubramanian and **S.L.Belagali**
Journal of Applied Hydrology **2007**, 19(1 & 2), 36.
58. Survey for pesticide Residues in selected soil samples collected around Mysore city.
Mohammad Nasser Modoodi and **S.L. Belagali**
Nature Environment & Pollution Technology, **2008**, 7(1), 21.
59. Preliminary study on selected parameters of Tumkur City sewage
K.S.Kumara and **S.L.Belagali**
Nature Environment & Pollution Technology, **2008**, 7(2), 319.
60. Determination of pesticide residues in some agricultural water samples collected around Mysore city
Mohammad Nasser Modoodi & **S.L.Belagali**
Nature Environment & Pollution technology, **2008**, 7(4), 593.
61. A study of pesticide residues in Agricultural soil systems of Mysore District
Mohammad Nasser Modoodi, **S.L.Belagali** & Pouneh Ebrahimi
Journal of Analysis and computation **2008**, 4 (2) 207.
62. Determination of Pesticide Residues in Agricultural water samples of Mysore District
Mahommad Nasser Modoodi, **S.L.Belagali** & Pouneh Ebrahimi
Journal of Intelligent system research **2008**, 2(2), 121.

63. Survey of trace metal contaminants in sediments of Kabini River in the Nanjangud Industrial Area, Mysore District
Azadeh Taghinia Hejabi and **S.L.Belagali**
Nature Environment and Pollution Technology **2009**, 8(1), 49.
64. Investigation of Physico-Chemical and Biological Characteristics of water and sediments of selected lakes around Dharwad, Kantataka
Bagade N.S and **S.L.Belagali**
Nature Environment and pollution Technology **2009**, 9(1), 49.
65. A study on bacterial density and heavy metal concentration of Tumkur city sewage
K.S.Kumar and **S.L.Belagali**
Nature Environment and pollution technology, 2010, 9(2), 235.
66. A comparative study on coliform density and dynamics in relation to physico-chemical characteristics of Tumkur city sewage
K.S.Kumar and **Belagali S.L**
Nature Environment and pollution technology, 2010, 16(2-3), 375.
67. Analysis of seasonal variation in water quality of Cauvery and Kabini rivers with reference to physico-chemical parameters and calcium carbonate saturation Index.
L.Mahadev, Syed Akeel Ahmed & **S.L.Belagali**.
Journal of Applied Geochemistry, 2010, 12(2), 224.
68. Studies on the adsorption of heavy metals on Chewing tobacco
K.S.Geetha & **S.L.Belagali**
Indian Journal of Environment & ecoplanning **2010**, 17(3), 509.
69. Removal of dyes and heavy metals using garlic husks
Geetha K.S and **S.L.Belagali**
Nature Environment and Pollution technology **2010**, 9(2), 323.

70. Studies on the adsorption of heavy metals on Chewing Tobacco
Geetha K.S and **S.L.Belagali**
Indian Journal of Environment and Ecoplanning, **2010**. 17(3), 509.
71. A study on bacterial density and heavy metal concentration of Tumkur city sewage
K.S.Kumara and **S.L.Belagali**
Nature Environment and Pollution Technology, **2010**, 9(2), 235.
72. A comparative study on coliform bacterial density and dynamics in relation to physico-chemical characteristics of Tumkure city sewage
K.S.Kumara and **S.L.Belagali**
Nature Environment and Pollution Technology, **2010**, 16(2-3), 375.
73. Analysis of seasonal variation in water quality of Cauvery and Kabini rivers with reference to physico-chemical parameters and calcium carbonate saturation Index.
J Mahadev, Syed Akheel Ahmed & **S.L.Belagali**
Journal of Applied Geochemistry, **2010**, 12(2), 224.
74. Synthesis and analytical applications of Schiff's bases as Chromogenic reagents for the determination of Copper
K.Shanthalakshmi and **S.L.Belagali**
Analytical Chemistry: An Indian Journal, **2011**, 10(20), 127.

**C. PAPERS PRESENTED IN NATIONAL/INTERNATIONAL SYMPOSIA/
CONFERENCES**

75. Comparative metabolism of monoterpene alcohols in living systems.
Madyastha K.M., Ranganathan V, Chadha A, Srivatsan V,
Krishnamurthy N.S.R. and **Belagali S.L.**
A paper presented at the first National symposium on Bio-Organic Chemistry held at I.I.Sc., Bangalore (July 1982).
76. Synthetic studies on Nairaimide-A.
Belagali S.L. and Himaja M.
A paper presented at the 13th Conference of the Indian Council of Chemists held at Jammu (October 1994).

77. Synthetic studies on Didemnins.
Himaja M. and **Belagali S.L.**
A paper presented at the 10th International Conference on Organic Synthesis held at I.I.Sc., Bangalore (December 1994).
78. Total synthesis of Axinastatin-1.
Belagali S.L. and Himaja M
The paper presented at the National symposium on New Vistas in Chemical Sciences held at Hyderabad (March 1995).
79. Synthetic studies on Axinastatin-2.
Belagali S.L. and Himaja M.
A paper presented at the 14th Conference of the Indian Council of Chemists held at Mumbai (December 1995).
80. Synthesis and Biological activity of some 5-Aryl-pyridine-3-Carboxyl peptides.
Belagali S.L. and Himaja M.
A paper presented at the 15th Indian Council of Chemists held at Aurangabad (November 1996).
81. Synthetic and biological studies on Hymenamamide - H
Belagali S.L., Harish K., Boja P and Himaja M.
A paper presented at the 34th Annual Convention of Chemists held at University of Delhi (December 1997).
82. Synthetic and biological studies on Axinastatin-3,
Belagali S.L., Harish K., Boja P. and Himaja M
A paper presented at the 16th Annual Conference of Indian Council of Chemists held at Mangalore University, Mangalagangothri, (December 1997).
83. Synthesis and Characterisation of Aryl Furan Carboxyl Peptides.
Boja Poojary, **S.L. Belagali**, K. Harish kumar and B.S. Holla.
A paper presented at the 17th Annual Conference of Indian Council of Chemists held at Madras University, Chennai (Nov. 1998)
84. Synthesis and Characterisation of some amino acid derivatives of
3-Carboethoxymethyl-7-hydroxy-4-methyl Coumarin.
Boja Poojary, **S.L. Belagali**, K. Harish Kumar and B.S. Holla.
A paper presented at the 17th Annual Conference of Indian Council of Chemists held at Madras University, Chennai (Nov. 1998).

85. Quantifying the Methane Flux from Cattle manure dumps in rural India.
Prasad B.S.N., **Belagali S.L.** and Narasimhamurthy B
A paper presented at the 11th National Space Science Symposium held at Puri
(Orissa) (March 2000).
86. Harnessing biogas from cattle manure dumps for methane mitigation and renewable energy.
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90. Women’s personal and indoor exposures to PM_{2.5} in Mysore, India - impact of
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92. “A case study of water quality parameters in Karnataka state”
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93. Physico-Chemical and Biological quality of drinking water in Hassan and Bellary districts of Karnataka, India.
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94. Water quality status of Kabini river in the Kallahally village of Nanjangud Taluk, Mysore district- Karnataka.
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95. Chemical Quality and Water Pollution in Mysore District, Karnataka
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96. Impact of heavy metals on the population dynamics of Cladocera in the lakes of Mysore.
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97. ಪದ್ಮನಾಭ ಬಿ. ಮತ್ತು ಬೆಲಗಲಿ ಎಸ್.ಎಲ್. ಮೈಸೂರು ಕೆರೆಗಳ ನೀರಿನ ಗುಣಮಟ್ಟ ಸೂಚ್ಯಂಕದ ಒಂದು ತುಲನಾತ್ಮಕ ಅಧ್ಯಯನ ಎಂಬ ಸಂಶೋಧನಾತ್ಮಕ ಪ್ರಬಂಧವನ್ನು ಸೆಪ್ಟೆಂಬರ್ 15 ರಿಂದ 17, 2006, ಧಾರವಾಡದಲ್ಲಿ ನಡೆದ ದ್ವಿತೀಯ ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನದಲ್ಲಿ ಮಂಡಿಸಲ್ಪಟ್ಟಿದೆ (**Paper presented**).
98. Recent Trends in Environmental Education
Attended & Chaired a session in a National Conference, held at Regional Institute of Education, Mysore, (January 24th 2008).
99. Natural Resources Management-priorities & prospects of 21st century
Gave an inaugural speech for National Conference, held at Mahajana First Grade College, Mysore, (March 14th 2008).
100. Evaluation of Ground Water Quality from Hassan District of Karnataka, India
Oinam Jayalakshmi Devi and **S.L.Belagali**
Presented a paper in the International Conference at University of Rajasthan, (March 11-14 2008).

101. Investigation of quality and characteristics of water and sediments of lakes in selected areas in and around Dharwad, Karnataka
Bagade N.S and **Belagali S.L**
A paper presented in the National level conference on: “Current Trends in Environmental Science & Sustainable Development” (NCESD-2009) held at University of Mysore, Mysore-6, (February 2009).
102. Bioassay of aquatic Pollution in the Lentic Ecosystem
Padmanabha B and **S.L.Belagali**
A paper presented in the National level conference on: “Current Trends in Environmental Science & Sustainable Development” (NCESD-2009) held at University of Mysore, Mysore-6, (February 2009).
103. Newly synthesized Schiff’s bases as analytical reagents for the estimation of copper from the industrial effluent
K.Shanthalakshmi and **S.L.Belagali**
A paper presented in the National level conference on: “Current Trends in Environmental Science & Sustainable Development” (NCESD-2009) held at University of Mysore, Mysore-6, (February 2009).
104. A composite Statistical Approach on Seasonal Variations of Certain Physico-Chemical Parameters of Tumkur City Sewage
K.S.Kumara and **S.L.Belagali**
A paper presented in the National level conference on: “Current Trends in Environmental Science & Sustainable Development” (NCESD-2009) held at University of Mysore, Mysore-6, (February 2009).
105. Monitoring of physico-chemical parameters of water samples of Nanjangud industrial area
Rajanna A.H. **S.L.Belagali**, and Shyamala D.C
A paper presented in the National level conference on: “Current Trends in Environmental Science & Sustainable Development” (NCESD-2009) held at University of Mysore, Mysore-6, (February 2009).
106. Analysis of water samples for Physico-chemical characteristics and heavy metals concentration in Nanjangud industrial area.
Rajanna. A.H. and **S.L.Belagali**
A paper presented in the National level conference on “The Emerging areas in Chemistry” (NACEAC) held at Department of Studies in Chemistry, University of Mysore, Mysore-6, (July 2009).
107. Investigation of fine particle mass and number concentration in Mysore
Promod Pai and **S.L.Belagali**
A paper presented in the National level conference on: “Current Trends in Environmental Science & Sustainable Development” (NCESD-2009) held at University of Mysore, Mysore-6, (February 2009).

108. ಡಿ. ಸಿ. ಶ್ಯಾಮಲ, ಎ.ಹೆಚ್. ರಾಜಣ್ಣ ಮತ್ತು ಎಸ್.ಎಲ್. ಬೆಳಗಲಿ. ನಂಜನಗೂಡಿನ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶದಲ್ಲಿ ನೀರಿನ ಮಾಲಿನ್ಯವನ್ನು ಉಂಟುಮಾಡುವ ಸೂಕ್ಷ್ಮ ಉಜೀವಿಗಳ ಒಂದು ವರದಿ, ಎಂಬ ಸಂಶೋಧನಾತ್ಮಕ ಪ್ರಬಂಧವನ್ನು ಸೆಪ್ಟೆಂಬರ್ 15 ರಿಂದ 17, 2009 ಮಂಗಳೂರಿನಲ್ಲಿ ನಡೆದ ಐದನೇ ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನದಲ್ಲಿ ಮಂಡಿಸಲ್ಪಟ್ಟಿದೆ (**Paper presented**).
109. Impact of Chulha's on indoor air quality of rural areas in Mysore district.
Rajanna A.H, **S.L.Belagali** & Shyamala D.C.
A paper presented in the National level conference on: "Climate change & its impact on Natural resources" (NCCCINR-2010) held at Bangalore University, Bangalore, (October 2010).
110. Ambient air quality assessment of major air pollutants in Nanjangud industrial area.
Shyamala D. C, **S.L.Belagali** & Rajanna A.H.
A paper presented in the National level conference on: "Climate change & its impact on Natural resources (NCCCINR-2010) held at Bangalore University, Bangalore, (October 2010).
111. Adsorption studies of some Dyes and metals on Garlic husk-A cheap natural adsorbant.
Geetha K.S and **Belagali S.L**
A paper presented in the International conference on: Climate Change Forest Resource and Environment (ICCFRE-2011) held at University of Kerala, Thiruvananthapuram, (Decembr 2011).
112. Evaluation of physico-chemical, biological characteristics and heavy metal concentrations during composting process.
Shyamala D.C and **S.L. Belagali**
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113. Effect of chemical fertilizers on physico-chemical characteristics of agriculture soil samples of Nanjangud Taluk, Mysore district, Karnataka, India.
Divya J and **Belagali S.L**
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D. Books/ Monographs:

114. Qualitative & Quantitative analysis of South India Paper Mill effluent.
N.L.Devi, I.C Yadav, **S.L.Belagali**, LAP (Lambert Academic Publishers), Germany (2011).

