

# NKR GOVT. ARTS COLLEGE FOR WOMEN – 637 001

## DEPARTMENT OF ZOOLOGY

### STAFF PROFILE

#### ABSTRACT



1. Name : **Dr. R. Bhuvaneswari**
2. Designation : ASSISTANT PROFESSOR
3. Education Qualification : M.Sc. Ph. D
4. Teaching Experience : 20 Years
5. Research Experience : 20 Years
6. Area of Research : Environmental science and entomology
7. University Guideship Approval No :
8. Fellowship Awarded : NIL
9. Minor/Major Research Project : NIL
10. Research Paper Published : International: 17 ; National: 7
11. Seminar/ Conference/ Workshops : Organized: NIL ; Attended: 6
12. Journals Review : International: NIL ; National: NIL
13. Books Published : NIL

## BIO - DATA

Name : **Dr. R. Bhuvanewari**  
 Designation : ASSISTANT PROFESSOR  
 Father's Name : Rengasamy  
 Date of Birth : 08.06.1971  
 Nationality : INDIAN  
 Religion : HINDU  
 Permanent Address : 281, Shree Illam, KKP Street,  
 AS Pettai, Namakkal.– 637 001.  
 Phone No : Off : 04287 – 231802.  
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 E-Mail ID : [devajanunandu@gmail.com](mailto:devajanunandu@gmail.com)  
 Languages Known to Read / Write : TAMIL, ENGLISH, HINDI

### EDUCATIONAL QUALIFICATION:

S/No	Examination	Board/Univ.	Subject	Year
1	B.Sc. (Zoology)	Madurai Kamaraj University	Zoology, Botany & Chem	1991
2	M.Sc (Zoology)	The American College, Madurai Kamaraj University	Zoology	1993
3	M.Phil. (Course work)	Jawaharlal Nehru University	Environmental Science	1994
4	Ph.D.	-do-	-do-	1999

Date of Joining : 11.02.2011

Teaching Experience : 20 Years

S/No	Institutional Address	Post	Period
1	Gene Campaign	Scientist B	July '99
2	Centre for Environment Education (CEE). New Delhi.	Consultant	Dec'99 to March 2001
3	M S Swaminathan Research Foundation. Chennai.	Research Consultant	May 2001 to March 2003
4	Kandasamy Kandar Environmental	Project officer	July 2004 to November




Seminar and Work shop organized: 2  
 Special and Guest Lectures Delivered: NIL

### Research Scholar Details

(Copy of University Guide ship Approval Letter should be enclosed)

Phone: 0427 - 2345779  
 Fax: 0427 - 2345124

  
**PERIYAR UNIVERSITY**  
 Periyar Palkalai Nagar  
 Salem- 636 011.

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**Dr.K.Angamuthu**  
 Registrar

PU/R/RD3/10772/2014

Date: 20 NOV 2014

To  
 Dr.R.Bhuvaneswari  
 Assistant Professor  
 Department of Zoology  
 NKR Government Arts College for Women  
 Namakkal-637 001

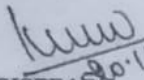
Madam,


Sub: Periyar University - Recognition as Guide for M.Phil & Ph.D Programme-  
 Orders - Issued - Reg.

Ref: 1. Periyar University Ph.D regulations  
 2. Item (1), agenda (2) of the Periyar University 27<sup>th</sup> Board of Research  
 Studies meeting held on 07-11-2014.  
 3. Your letter dated: 31-05-2013,07-06-2013 & 17-07-2014.  
 \*\*\*\*\*

With reference to your letter cited, I am, by direction, to inform that you have  
 been recognized by the Periyar University as a research supervisor for M.Phil & Ph.D  
 programme and permission is hereby granted for guiding research work of candidates  
 leading to M.Phil & Ph.D programme in **Zoology** subject with effect from the date of  
 this order.

Kindly acknowledge the receipt of this communication.

  
 REGISTRAR  
 20/11/14

  
 20/11/14

Copy to:

1. The Principal, NKR Government Arts College for Women, Namakkal-637 001.
2. The Controller of Examinations, Periyar University, Salem 11.
3. RD-4 Section
4. B4-Section (M.Phil section)

S. No	Name of the Research Scholar	Year of Joining	Title of the Project	Awarded/ Ongoing	Remarks
			-- NIL --		

## List of Enclosures

### 1. List of Publication

1. **Bhuvaneshwari.R.**, Kala. K., Priya. E., and Gopinath, L. R. 2019. Comparative study of zooplankton production using vermicompost and vermiwash. International Archive of Applied Sciences and Technology. Vol 10 (2): 37-41.
2. VijayaPriya. S., **Bhuvaneshwari. R.**, Kala. K., and Gopinath, L. R. 2019. Pest Diversity in Cotton Crops and its Biocontrol Mechanism for Red Cotton Bug – A Review. International Archive of Applied Sciences and Technology. Vol 10 (2): 118-125.
3. VijayaPriya. S., **Bhuvaneshwari. R.**, Kala. K., and Gopinath, L. R. 2019. Genetic Segregation of Red Cotton Bug. International Archive of Applied Sciences and Technology. Vol 10 (2): 42-48.
4. Gopinath L. R., Abinaya. K., **Bhuvaneshwari. R.**, Kala. K. and Archaya, S. 2018. Identification of Biologically Active Compounds From *Withania Somnifera* Leaf Extract Its Antimicrobial Activity and Anticancer Property International Journal of Pharmacy and Biological Sciences, 2321-3272, Vol 8(4).
5. Gopinath L. R., Ramya Bharathi, V., Kala. K and **Bhuvaneshwari, R.**, Archaya. S, 2018. Identification of Biologically Active Compounds From *Adathoda vasica* Leaf Extract Its Antimicrobial Activity and Anticancer Property, International Journal of Pharmacy and Biological Sciences, 2321-3272, Vol 8(3), 1162-1168.
6. Gopinath, L. R., Saranaya. M., **Bhuvaneshwari. R** and Archaya. S. (2017). Genetic Improvement of Foxtail Millet from Kolli Hills Landraces through chemical mutation. Indian Journal Applied Research. 7 (11):304-306. Impact factor: 3.9
7. Karthika. R., Archaya. S., Nandhini. S., Gopinath, L. R and **Bhuvaneshwari. R.** (2017). Isolation and Identification of Effective Hydrocarbon degrading Bacteria from Diesel Polluted Soil. IOSR Journal of Environmental Science, Toxicology and Food Technology. 3(3):60-63.
8. Gokila Devi, T., Archaya, S., Gopinath, L. R., Revathi, A., and **Bhuvaneshwari, R.** “Qualitative and Quantitative Analysis of Secondary Metabolites of *Moringa Oleifera* and Its Anticancer Activity”. International Journal of Advances in Interdisciplinary Research. Accepted March on 2017.
9. Kumaresan, N., Ilango, K., Gopinath, L. R., **Bhuvaneshwari, R.** Dynamics of plant hoppers diversity in Kolli Hills, Tamilnadu, India. International Journal of Fauna and Biological Studies 2016; 3(1): 93-97. ISSN : 2347-2677.
10. Kumaresan, N., Ilango, K., Gopinath, L. R., **Bhuvaneshwari, R.** Dynamics of Brown Planthoppers (*Nilaparvatalugens*) density in rice fields of Kolli hills and associated diseases. Int J Adv Interdis Res, 2015. 2 (10): 15-21. ISSN 2348 – 0696
11. Kumaresan, N., Ilango, K., Gopinath, L. R., **Bhuvaneshwari, R.**, Archaya. S. Study on Agrobiodiversity and biodiversity of planthoppers and its Biocontrol in Rice fields of Kolli Hills, Tamilnadu, India. Indian Journal of Applied Research. ISSN-2249-555X.2016. Impact factor: 3.9
12. T. Gokila Devi, Archaya, S., Gopinath, L. R., and **Bhuvaneshwari, R.** Virulence And Molecular Charecteristics Of Attenuated Field Fowl Pox Virus In Embryonated Chick Embryo (Ece). Indian Journal of Applied Research. ISSN-2249-555X. 2015. Impact factor: 3.9

13. S. Archaya, L. R. Gopinath, R. **Bhuvaneshwari**. Endosulfan Degradation through *Cipadessa Baccifera* and *Clausena Dentata* Vol 7(7) PP 42-47. 2014. IOSR Journal of Agriculture and Veterinary Science. 2014. ISSN 2319-2380. Impact Factor: 1.4
14. S. Archaya, L. R. Gopinath, S. Sangeetha, R. **Bhuvaneshwari**. Molecular Characterization Of Kerosene Degrading Bacteria Isolated From Kerosene Polluted Soil. Vol 2(4), 1117-1124. 2014. International Journal of Advanced Research. ISSN 2320-5407. Impact Factor: 1.6
15. S. Archaya, L. R. Gopinath, R. **Bhuvaneshwari**. A Review on Advances in Phytoremediation Of Pesticide Polluted Soils. Vol. I ( 4), 1-6. 2014. International Journal of Advances in Interdisciplinary Research. ISSN 2348 0696. Impact Factor: 1.0280
16. L. R. Gopinath , P. Merlin Christy, K. Mahesh, R. **Bhuvaneshwari**, D. Divya. Identification and Evaluation of Effective Bacterial Consortia for Efficient Biogas. Vol 8(3) 2014. IOSR Journal of Environmental Science, Toxicology and Food Technology. e-ISSN: 2319-2402,p- ISSN: 2319-2399. Impact Factor: 1.3
17. L.R. Gopinath, D. Divya, T. R. Gehitha, R. **Bhuvaneshwari**, S. Archaya and P. Merlin Christy, Hydrocarbon degradation and Biogas production efficiency of bacteria isolated from petrol polluted soil. Research Journal of Recent Sciences. Accepted. 2013. ISSN : 2277 – 2502
18. M. Gomathi, L. R. Gopinath, S. Archaya, and R. **Bhuvaneshwari**. R Review on *Rawlofia serpentina*-An Endangered Plant Species. International Journal of Advances in Interdisciplinary Research Vol. I (9), 42-45, 2014.
19. R. Karthika, L. R. Gopinath, S. Archaya, and R. **Bhuvaneshwari**. Isolation and identification of microorganisms from diesel and petrol contaminated soil. International Journal of Advanced research. Vol 2(10), 676-682, 2014. Impact factor: 1.6.
20. V. Allimuthu, L. R. Gopinath, S. Archaya, and R. **Bhuvaneshwari** Fungal species Dynamics in decomposing Poultry Manure. International Journal of Advances in Interdisciplinary Research. Vol I(10): 18-20, 2014.
21. V. Allimuthu, L. R. Gopinath, S. Archaya, and R. **Bhuvaneshwari** Fungal pretreatment studies on rice husk and sugarcane bagasse for biogas production. International Journal of Advances in Interdisciplinary Research Vol I(6): 31-34, 2014.
22. R. Karthika, L. R. Gopinath, S. Archaya, and R. **Bhuvaneshwari**, 2014. Isolation of diesel degrading bacteria, identification of catechol gene and its biogas production. IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT). Vol 8(10) 76-82, 2014. Impact factor: 1.4.
23. **R. Bhuvaneshwari** (2003). Bioresources status of Pulicat Lake In Bioresource status in Select Coastal villages. Pub by National Bioresources Development Board (NBDB) Department of Biotechnology, New Delhi and MSSRF. Chennai.
24. **R. Bhuvaneshwari** (2003). Published Status report about Pulicat Lake in Bioresource status in Select Coastal locations published by National Bioresources Development Board (NBDB) and MSSRF. Chennai.
25. **R. Bhuvaneshwari** (2003). Compiled report on Bioresource status in Select Coastal locations. The selected locations are Gulf of Kuchchh, Malvan, Vembanad lake, National Bioresource Development Board (NBDB) and MSSRF. Chennai.

#### **Sequences with Accession Number in NCBI**

26. Shahidha Begam, A. A., Gopinath,L.R., Merlin Christy, P. and Bhuvaneshwari,R. *Pseudomonas hibiscicola* strain AS1 16S ribosomal RNA gene, partial sequence ACCESSION: KC203047.2013.
27. Archaya,S., Gopinath,L.R., Keerthana,P.S. and **Bhuvaneshwari,R.** *Lysinibacillus fusiformis* strain AGE1 16S ribosomal RNA gene, partial sequence, GenBank: KF261599.1. 2013
28. Gopinath,L.R., Vinodhini,U.K., Divya,D., Bhuwaneshwari,R. and Archaya,S. *Bacillus flexus* strain V1 16S ribosomal RNA gene, partial sequence. ACCESSION: KC203048. 2013.
29. Archaya,S., Gopinath,L.R., Keerthana,P.S. and Bhuvaneshwari,R. *Lysinibacillus fusiformis* strain AGE1 16S ribosomal RNA gene, partial sequence, GenBank: KF261599.1. 2013.
30. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat gut *Lactobacillus fermentum* strain MG6 16S ribosomal RNA gene, partial sequence
31. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from cow rumen. *Fibrobacter succinogenes* strain MG5 16S ribosomal RNA gene, partial sequence. GenBank: KJ676649.1
32. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from cow rumen. *Eubacterium ruminantium* strain MG7 16S ribosomal RNA gene, partial sequence. GenBank: KJ676651.1
33. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat rumen. *Clostridium* sp. MG4 16S ribosomal RNA gene, partial sequence, GenBank: KJ676648.1
34. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat rumen. *Prevotella ruminicola* strain MG3 16S ribosomal RNA gene, partial sequence. GenBank: KJ676647.1
35. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat rumen. *Streptococcus gallolyticus* strain MG2 16S ribosomal RNA gene, partial sequence. GenBank: KJ676646.1
36. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat rumen. *Streptococcus gallolyticus* strain MG1 16S ribosomal RNA gene, partial sequence. GenBank: KJ676645.1
37. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of microorganism from biogas treated cow dung. [*Ruminococcus*] *gnavus* 16S ribosomal RNA gene, partial sequence GenBank: KF999879.1
38. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. *Prevotella bivia* 16S ribosomal RNA gene, partial sequence. GenBank: KF999877.1
39. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of microorganism from biogas treated cow dung *Methanosarcina siciliae* 16S ribosomal RNA gene, partial sequence. ACCESSION KF999876
40. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of microorganism from biogas treated cow dung *Lactobacillus acidophilus* 16S ribosomal RNA gene, partial sequence. GenBank: KF999875.1
41. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of microorganism from biogas treated cow dung *Methanobacterium formicicum* 16S ribosomal RNA gene, partial sequence. GenBank: KF999874.1
42. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of microorganism from biogas treated cow dung *Clostridium perfringens* 16S ribosomal RNA gene, partial sequence. GenBank: KF999873.1
43. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of microorganism from biogas treated cow dung *Bacteroides nordii* 16S ribosomal RNA gene, partial sequence. GenBank: KF999872.1

44. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from cow dung. *Acetobacter syzygii* ACCESSION: KJ000008
45. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from cow dung. *Clostridium perfringens* ACCESSION: KF999872
46. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from cow dung. *Porphyromonas asaccharolytica* ACCESSION:KF999878
47. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from cow dung. *Prevotella bivia* ACCESSION: KF999877.
48. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Arthrobacter* sp. Submission no: 1819746
49. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Clostridium aminovalericum* Submission no: 1819751
50. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Corynebacterium ammoniagenes*. Submission no: 1819962
51. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Corynebacterium urealyticum*. Submission no: 1819965
52. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Denitrobacter permanens*.Submission no: 1819968
53. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Flavobacterium johnsoniae*. Submission no: 1819972
54. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Globicatella sulfidofaciens*. Submission no: 1819974
55. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Pseudomonas fluorescens*. Submission no: 1819975
56. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from Chicken droppings. *Streptomyces albidoflavus*. Submission no: 1819976
57. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. *Acidobacterium capsulatum*Submission no: 1818929
58. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. *Bifidobacterium longum* Submission no: 1819726
59. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. *Butyrivibrio fibrisolvens* Submission no: 1819729
60. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. *Enterococcus faecalis* Submission no: 1819731
61. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. Firmicutes bacteroidetes. Submission no: 1819734
62. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. *Streptomyces albus*. Submission no: 1819738
63. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. *Streptomyces fungicidicus* Submission no: 1819739
64. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. Isolation of bacteria from goat droppings. *Synergistes jonesii* Submission no: 1819741.
65. Mahesh,K., Gopinath,L., Bhuvaneshwari,R., Aroulmoji,V. and Gnanendra,S. *Bacillus cereus* 16S ribosomal RNA gene, partial sequence GenBank: KR862364.
66. Merlin Christy,P., Gopinath,L.R., Bhuvaneshwari,R. and Divya,D. Uncultured *Butyrivibrio* sp. clone VM32 16S ribosomal RNA gene, partial sequence. GenBank: KM232683.  
strain GR1 16S ribosomal RNA gene, partialsequence.2018.
67. Gopinath,L.R., Deepa,N. and Bhuvaneshwari,R. *Clostridium carboxidivorans* strain GR2 16S ribosomal RNA gene,partial sequence.ACCESSION MH707022.2018.



68. Gopinath,L.R., Deepa,N. and Bhuvanewari,R. Lactobacillus acidophilus strain GR3 16S ribosomal RNA gene, partial sequence.ACESSION MH707023. 2018
69. Gopinath,L.R., Deepa,N. and Bhuvanewari,R. Methanobrevibacter ruminantium strain GR4 16S ribosomal RNA gene, partial sequence. ACCESSION MH707024. 2018
70. Gopinath,L.R., Deepa,N. and Bhuvanewari,R. Ruminobacter amylophilus strain GR5 16S ribosomal RNA gene, partial sequence. ACCESSION MH707025. 2018.
71. Gopinath,L.R., Deepa,N. and Bhuvanewari,R. Succinimonas amylolytica strain GR6 16S ribosomal RNA gene, partial sequence.ACESSION MH707026. 2018.
72. Gopinath,L.R., Deepa,N. and Bhuvanewari,R. Ruminococcus albus strain GR7 16S ribosomal RNA gene, partial sequence.ACESSION MH707027. 2018.
73. Gopinath,L.R., Deepa,N. and Bhuvanewari,R. Selenomonas ruminantium strain GR8 16S ribosomal RNA gene, partial sequence.ACESSION MH707028. 2018.
74. Gopinath,L.R., Deepa,N. and Bhuvanewari,R. Streptococcus equinus strain GR9 16S ribosomal RNA gene, partial sequence.ACESSION MH707029. 2018.

## 2. Papers Presented in Seminars/ Conferences/ National/ International

1. Gopinath, L. R. and **Bhuvanewari**, R. 2009. Implications of International Conviction and National legal Mechanism Towards Biotechnology Development and Agricultural Sustainability in India. International Colloquium on Emerging Biotechnologies in Agriculture Animal Health and Productivity (ICEB' 09) February 23-27, 2009, Alagappa University. Karaikudi 630 003, India.
2. Subramani, V., Gopinath, L. R. and **Bhuvanewari**, R. 2009. Bioinformatic Comparative Analysis of *Archaeoglobus fulgidus* and *Methanococcus mariplaudis* Genomes. International Colloquium on Emerging Biotechnologies in Agriculture Animal Health and Productivity (ICEB' 09) February 23-27, 2009, Alagappa University. Karaikudi 630 003, India.
3. S. Archaya, Dr. L. R. Gopinath, N. Priyadharshini, Dr. S. Muruges and Dr. R. **Bhuvanewari**. BioREMEDICATION of pesticides POLLUTED SOIL THROUGH MEDICINAL PLANTS. UGC and CSIR sponsored National Conference on Genomics and Genetic Engineering Strategies for Crop Improvement held on 27<sup>th</sup> and 28<sup>th</sup> Feb 2012 Department of Biotechnology. Periyar University Salem.
4. Gopinath, L. R. and **Bhuvanewari**, R. 2009. Growth Rate of *Esenia foetida* and *Perionyx excavatus* and Nutrient Dynamics of Organic Waste Under different pH Conditions. Paper presented at 8<sup>th</sup> National Level Biological Congress on “ Biotechnology : Glimpses of Future Prospects” – 2009. Organized by Department of Biological Sciences, Muthayammal College of Arts and Science, Rasipuram 637 408 between 9<sup>th</sup> to 10<sup>th</sup> January 2009.
5. Gopinath, L. R. and **Bhuvanewari**, R., 2009. Comparative Study of *E. foetida* and *P. excavatus* on Nutrient Dynamics of Organic Waste. Paper presented at 8<sup>th</sup> National Level Biological Congress on “ Biotechnology : Glimpses of Future Prospects” – 2009. Organized by Department of Biological Sciences, Muthayammal College of Arts and Science, Rasipuram 637 408 between 9<sup>th</sup> to 10<sup>th</sup> January 2009.
6. **Bhuvanewari**, R. and Gopinath, L. R. 2009. Bioremediation and Microbes Associated with Substrate Gut and Casts of Two Potential Earthworms (*Eisenia*

- Foetida* and *Perionys excavatus*). Paper presented at 8<sup>th</sup> National Level Biological Congress on “Biotechnology : Glimpses of Future Prospects” – 2009. Organized by Department of Biological Sciences, Muthayammal College of Arts and Science, Rasipuram 637 408 between 9<sup>th</sup> to 10<sup>th</sup> January 2009.
7. Vijay, R., **Bhuvanewari**, R. and Gopinath, L. R. 2009. Growth of *Eisenia foetida* and *Perionyx excavatus* and Nutrient Dynamics of Organic Wastes Under Different Temperature Conditions. Paper presented at 8<sup>th</sup> National Level Biological Congress on “Biotechnology : Glimpses of Future Prospects” – 2009. Organized by Department of Biological Sciences, Muthayammal College of Arts and Science, Rasipuram 637 408 between 9<sup>th</sup> to 10<sup>th</sup> January 2009.
  8. Jagadesan, M. **Bhuvanewari**, R. and Gopinath, L. R. 2009. Under Utilized Medicinal Properties of *Stevia rebaudiana* (A natural sweetener) National Level Seminar on Impact of Medicinal Plants Organized by PG and Research Department of Aringar Anna Government Arts and Science College, Namakkal on 12<sup>th</sup> September 2009.
  9. Yaram. Gowthami, Gopinath, L. R. and **Bhuvanewari**, R. 2009. Antimicrobial Property of *Jatropha curcas* Under Different Solvents National Level Seminar on Impact of Medicinal Plants Organized by PG and Research Department of Aringar Anna Government Arts and Science College, Namakkal on 12<sup>th</sup> September 2009.
  10. Shanthipriya, G. Gopinath L. R. and **Bhuvanewari**, R. 2009. Medicinal Properties of *Jatropha* As Embedded Economic Value for its Biodiesel Sustainability National Level Seminar on Impact of Medicinal Plants Organized by PG and Research Department of Aringar Anna Government Arts and Science College, Namakkal on 12<sup>th</sup> September 2009.
  11. Saranya, M.A. and Gopinath, L. R. 2009. Efficacy and Comparison of Antimicrobial Activity of Natural Ayurvedic Herbs Against Pathogenic Micro-Organism National Level Seminar on Impact of Medicinal Plants Organized by PG and Research Department of Aringar Anna Government Arts and Science College, Namakkal on 12<sup>th</sup> September 2009.
  12. S. Archaya, L. R. Gopinath and R. **Bhuvanewari** Endosulfan Degradation Through *Cipadessa baccifera* And *Clausena dentata* Herbal Plants. A National Seminar on “New Horizons in Biotechnology and Bionanomedicines”“NHBB-2012
  13. R. Manimegalai, L. R. Gopinath and R. **Bhuvanewari** Isolation Identification Of *Acetobacterium woodii* and *Methanospirillum hungatei* and their effectiveness in biogas production. A National Seminar on “New Horizons in Biotechnology and Bionanomedicines”“NHBB-2012.
  14. U.Vinothini, L. R. Gopinath, K. Mahesh and R. **Bhuvanewari** A Review Of Acidogenic And Acitogenic Phase Of Anaerobic Digestion For Enhanced Methane Production In A Biogas Unit. A National Seminar on “New Horizons in Biotechnology and Bionanomedicines”“NHBB-2012.
  15. Gokiladevi, T., L. R. Gopinath, and R. **Bhuvanewari** Molecular Characteristics Of Attenuated Field Fowlpox Virus In Embryonated Chick Egg (Ece). National level seminar on Applications of Biology to Human Welfare .Sri Ganesh College of Arts and Science. Salem On January 10<sup>th</sup> 2013.
  16. Karthika, M. P. T. Kalaiselvan and L. R. Gopinath Screening, Optimization And Characterization Of Silver Nanoparticles From Medicinal Plant And Its Antimicrobial Activity. National level seminar on Applications of Biology to Human Welfare .Sri Ganesh College of Arts and Science. Salem On January 10<sup>th</sup> 2013

17. Gopinath, L. R., M. Virgin Nisha, S. Archaya and R. **Bhuvaneshwari**. *In-vitro* propagation of *Piper longum* (PEPPER) its comparative analysis with *in-situ* propagation. National level seminar on Applications of Biology to Human Welfare .Sri Ganesh College of Arts and Science. Salem On January 10<sup>th</sup> 2013
18. Karthika, R., L. R. Gopinath, S. Archaya, and **Bhuvaneshwari**, R. Identification of microorganisms from diesel polluted soil and its growth dynamics under different concentration of diesel. National level seminar on Applications of Biology to Human Welfare .Sri Ganesh College of Arts and Science. Salem On January 10<sup>th</sup> 2013
19. GOPINATH, L. R., S. Y. Shyamala, B. Shyamalamaheswari, S. Archaya and R. **Bhuvaneshwari**. Anti Microbial Activity Of Selected Mangrove Plants And Its Phytopathogens. National level seminar on Applications of Biology to Human Welfare .Sri Ganesh College of Arts and Science. Salem On January 10<sup>th</sup> 2013.
20. S. Archaya, L. R. Gopinath and R. **Bhuvaneshwari**. Identification of petrol degrading bacteria from petrol polluted soil and comparison with Pesticide degradation of Medicinal plants. International Seminar entitled "Synergistic effect of Beneficial micro lives with multidisciplinary approaches" Hindustan College of Arts and Sciences. Coimbatore. Jan 31, 2013
21. Gopinath, L. R., Archaya, S., **Bhuvaneshwari**, R. and K. Premalatha. An invitro study on potential inhibition of hela cell line proliferation by purified l-asparaginase from E.coli of anaerobic decomposition of poultry droppings. Csir sponsored national conference on emerging trends and new challenges in Biotechnology. Mgr College Hosur. 24 and 25<sup>th</sup> January 2013
22. Gopinath, L. R., **Bhuvaneshwari** R., Archaya, S, and Deepa N. Anticancer Property Of Extracellular L-Asparaginase Enzyme Isolated From Anaerobic Decompositionof Poultry Droppings On Breast Cancer (Mcf7 Cell Lines). Csir sponsored national conference on emerging trends and new challenges in Biotechnology. Mgr College Hosur. 24 and 25<sup>th</sup> January 2013
23. Gopianth, L. R., S. Jaya Devi, N. Prabavathi and **Bhuvaneshwari**. Production And Purification And Characterization Of Extracellular Cellulases From Paenibacillus amylyticus isolated from soil . Csir sponsored national conference on emerging trends and new challenges in Biotechnology. Mgr College Hosur. 24 and 25<sup>th</sup> January 2013
24. L. R. Gopinath, P. Merlin Christy, K. Mahesh and R. **Bhuvaneshwari**. Identification and evaluation of effective consortia of methannogenic and non methannogenic bacteria for biogas production. MICROCIENCIA-2012, 10th IAAM National Conference on "Exploring the Potentials of Microbes for Bioscience, Biotechnology & Medicine" SRM UNIVERSITY on December 17th& 18th 2012
25. L. R. Gopinath, R. Manimegalai, K. Mahesh, R. **Bhuvaneshwari** and S. Archaya. Comparative Analysis Of Four Methanogens In Effective Biogas Production. MICROCIENCIA-2012, 10th IAAM National Conference on "Exploring the Potentials of Microbes for Bioscience, Biotechnology & Medicine" SRM UNIVERSITY on December 17th& 18th 2012
26. L. R. Gopinath, D. Divya, T. R. Gehitha, R. **Bhuvaneshwari** and S. Archaya. Biodegradation Of Hydrocarbon And Biogas Production Of Pseudomonas stutzeri from petrol polluted soils . MICROCIENCIA-2012, 10th IAAM National Conference on "Exploring the Potentials of Microbes for Bioscience,

- Biotechnology & Medicine” SRM UNIVERSITY on December 17th& 18th 2012
27. N. Priyadarshini, L. R. Gopinath, R. **Bhuvaneshwari** , S. Archaya, S. Muruges. Isolation of Methanogenic Bacteria (Methanospirillum hungatei) from domestic sewage and its role in biogas production. National level biological congress on Bioscientific technologies “a panacea for human health & social welfare held on 6<sup>th</sup> and 7<sup>th</sup> January 2012 in Muthayammal College of arts and science. Namakkal.
  28. S. Archaya, L. R. Gopinath, N. Priyadarshini R. **Bhuvaneshwari** , S. Archaya, S. Muruges. Biodegradation Of Pesticides Using Traditional Plants With Medicinal Properties (Cipadessa baccifera And Clausena dentate) With Cow Dung. National level biological congress on Bioscientific technologies “a panacea for human health & social welfare held on 6<sup>th</sup> and 7<sup>th</sup> January 2012 in Muthayammal College of arts and science. Namakkal.
  29. T. Kavitha, Dr. L. R. Gopinath, Gnanendra, A. Balasubramaniam, and Dr. R. **Bhuvaneshwari**. A Study On Distribution And Molecular Characterisation Of Tetb Gene Of Bacteria Isolated From Dead Chicken, Healthy Chicken And Domestic Sewage Sample. National level biological congress on Bioscientific technologies “a panacea for human health & social welfare held on 6<sup>th</sup> and 7<sup>th</sup> January 2012 in Muthayammal College of arts and science. Namakkal.
  30. N. Sridevi, L. R. Gopinath, A. Balasubramaniam, T. S. Gnanendra, and Dr. R. **Bhuvaneshwari**. Isolation, Identification And Molecular Comparison of Infectious Laryngotracheitis Virus From Infected Chicken Through Bioinformatics Tool. National level biological congress on Bioscientific technologies “a panacea for human health & social welfare held on 6<sup>th</sup> and 7<sup>th</sup> January 2012 in Muthayammal College of arts and science. Namakkal.

### 3. Participation in Seminar/ Conferences/ Workshop

Trained as Trainers of Trainee (ToT) in “Capacity building of women managers in higher education” sponsored by UGC at Coimbatore during 2<sup>nd</sup> January to 7<sup>th</sup> January 2012.

Member in preparing manual for ICT and Advocacy through Management Skills Enhancement Modules Workshop in the programme of Capacity Building of Women Managers in Higher Education at Chennai from 23<sup>rd</sup> to 28<sup>th</sup> April 2012 sponsored by UGC

Organizing International Webinar Silicon: Heavy Metal Toxicity on Plant 27.7.2020 at N.K.R Arts College for(w) Namakkal

### 4. Books Published NIL

### 5. Letter copy/ Evidence for the Seminar and Work shop organized

Organized 3 Days UGC Sponsored Programme on Equal Opportunity 5/4/2013 To 7/4/2013 In NKR Govt Arts College For Women, Namakkal.

