

## Dr.PRISCILLA SURESH

Associate Professor & Head,  
Department of Zoology,  
Bishop Heber College,  
Tiruchirappalli - 17.

E-mail : priscisf@gmail.com

Phone : 9789164989

Web:

### Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D.	Zoology	Holy Cross College	2013
M.Phil.	Zoology	Bharathidasan University	2004
M.Sc	Zoology	Holy Cross College	1993
B.Sc.	Zoology	Womens Christian College	1991

### Ph.D. Details

Title of Thesis	Area of Specialization	Research Centre	Year of Award
A study on the diabetic management potentials of Pterocarpus marsupium Roxb. in MSG Diabetic albino mouse, Mus musculus.	Obesity management, Phytotherapeutics, Clinical Biochemistry, Probiotics	Holy Cross College, Trichy.	December, 2013
Research Supervisor			
Dr. C.D. Lethi			

### Additional Qualification

Name of Course	Place of Study	Date	Duration
PG Diploma in Bioinformatics	Bharathiar University	December 2008	1 year

### Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Vayalur Road, Tiruchirappalli-620017.	Assistant Professor	24-11-2004	Till Date

### Teaching / Research Experience

U.G. : 13 years      P.G. : 11 years      M.Phil.      Ph.D.

## Table of Contents

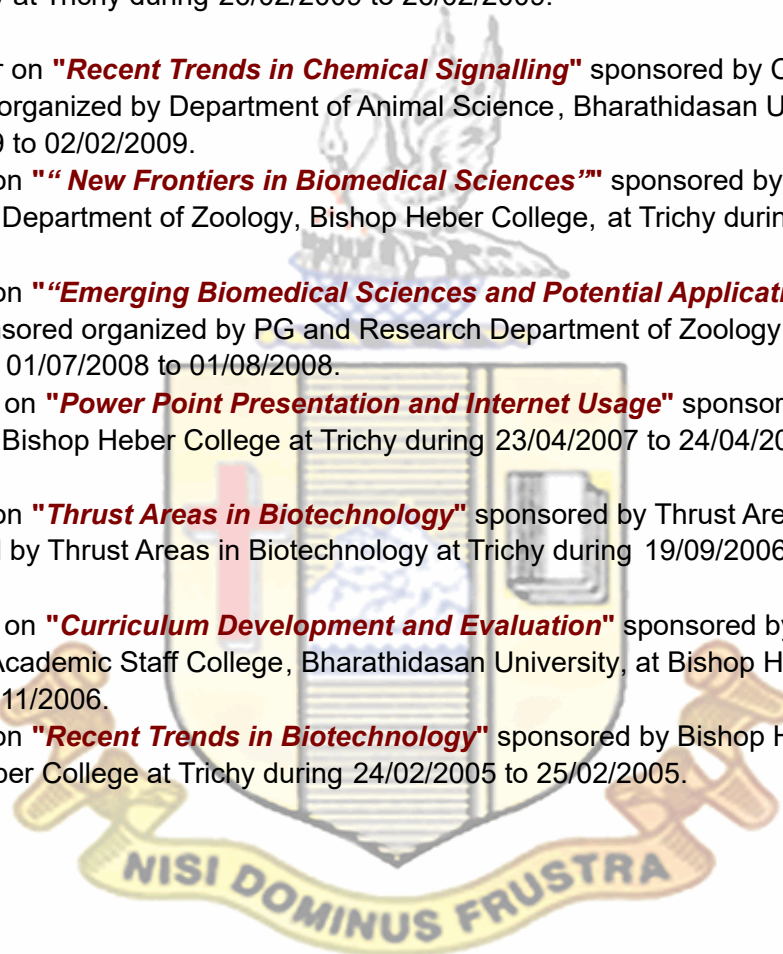
1.	Conferences / workshops / Seminars Attended	41
2.	Research Papers Presented	14
3.	Publication in Journals	8
4.	Publication in Books	2
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	5
7.	Research Projects	0
8.	Resource Person	6
9.	Consultancy	0
10.	Awards Recieved	1
11.	Patent	0
12.	Extension Activities Undertaken	1
13.	Professional Membership	2
14.	M.Phil. / Ph.D. Produced	0 / 0

1. International level Seminar on **"Webinar on Recent Advances in Modern Medicine"** sponsored by Seethalakshmi Ramaswami College, Tiruchirappalli organized by Seethalakshmi Ramaswami College, Tiruchirappalli at Tiruchirappalli during 27/06/2020 to 01/01/1900.
2. National level Seminar on **"Webinar on Covid-19 & Care for Environment"** sponsored by St. Xavier's College, Palayamkottai organized by St. Xavier's College, Palayamkottai at during 26/06/2020 to 01/01/1900.
3. National level Seminar on **"Environmental Day 2020 - Webinar"** sponsored by Government Arts College organized by Government Arts College at Udthagamandalam during 05/06/2020 to 01/01/1900.
4. National level Seminar on **"Webinar on Intellectual Property Rights"** sponsored by Chennai Softech organized by Sengamala Thayaar Educational Trust Women's College at Mannargudi during 22/05/2020 to 22/05/2020.
5. College level Workshop on **"Webinar on Online Teaching: The New Norm"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 21/05/2020 to 01/01/1900.
6. International level Seminar on **"Webinar series on Insights into Emerging Diseases – Diagnosis and Therapeutics"** sponsored by Lady Doak College organized by Lady Doak College at Madurai during 18/05/2020 to 01/06/2020.
7. International level Workshop on **"Online Workshop on Discovering and Learning Statistics Using MS Excel"** sponsored by Foundation for Innovative Research in Science and Technology organized by Foundation for Innovative Research in Science and Technology at Nagercoil during 16/05/2020 to 16/05/2020.
8. National level Seminar on **"Webinar series on Biotechnological and Nanotechnological Application for Marine Bioresources Augmentation"** sponsored by Earth Science and Technology Cell (ESTC) Ministry of Earth Sciences organized by Sathyabama Institute of Science and Technology, Chennai at Chennai during 04/05/2020 to 09/05/2020.
9. International level Conference on **"International Conference on Application of Basic Sciences ICABS-2019"** sponsored by Bishop Heber College, Tiruchirappalli organized by Bishop Heber College, Tiruchirappalli at Tiruchirappalli during 19/11/2019 to 21/11/2019.
10. College level Workshop on **"Benchmarking the best practices in teaching and learning in higher education"** sponsored by Internal quality assurance cell organized by Internal quality assurance cell at Bishop heber college, tiruchirappalli during 14/02/2019 to 15/02/2019.
11. College level Conference on **"Chemical research and innovations today-CRIT 2019"** sponsored by PG and research department of chemistry Bishop heber college organized by PG and research department of chemistry ,Bishop heber college at Tiruchirappalli during 24/01/2019 to 24/01/2019.
12. University level Seminar on **"National seminar on biotechnological solutions for environmental challenges"** sponsored by UGC-SAP , Ministry of water resources organized by Department of enviromental biotechnology , school of environmental sciences, Bharathidasan university at Tiruchirappalli during 17/12/2018 to 18/12/2018.
13. National level Workshop on **"Forest management by recent spatial technologies and modelling"** sponsored by Environmental sciences association organized by Environmental sciences association at Bishop heber college, tiruchirappalli during 13/12/2018 to 13/12/2018.
14. International level Conference on **"India international science festival"** sponsored by Ministry of science and technology, vijnana bharti, ministry of earth science organized by Government of india at Lucknow during 05/10/2018 to 08/10/2018.
15. State level Workshop on **"Vermitechnology, biofertilizer and edible mushroom cultivation"** sponsored by Sri amman biocare organized by Department of production and quality management , sri amman biocare at Thirukkanurpatti during 13/08/2018 to 13/08/2018.

16. International level Conference on **"International Conference on Health care & Life - Science Research"** sponsored by Global Research & Development Services organized by International Association for Promotion of Healthcare and Life Science Research at Tecnico, University of Lisboa, Campus da Alameda, Lisbon, Portugal during 29/05/2018 to 30/05/2018.
17. College level Workshop on **"Examinations and evaluation reforms"** sponsored by Internal quality assurance cell organized by Internal quality assurance cell at Bishop heber college, tiruchirappalli during 10/03/2018 to 10/03/2018.
18. -1 level Conference on **"Molecular and Immunological Techniques"** sponsored by DBT- STAR College organized by PG Department of Zoology at Bishop Heber College during 19/02/2018 to 20/02/2018.
19. College level Workshop on **"Discovery and Development of Novel Therapeutics through Insilico methods"** sponsored by Department of Biotechnology, Bioinformatics, Nutrition and Dietetics organized by Department of Biotechnology, Bioinformatics, Nutrition and Dietetics at Bishop Heber College during 14/02/2018 to 15/02/2018.
20. International level Conference on **"Molecular Advances in Biomedical Research"** sponsored by ICMR organized by PG and Research Department of Zoology and Department of Animal Science, Bharathidasan University at NehruMemorial College, Puthanampatti during 09/02/2018 to 10/02/2018.
21. National level Conference on **"Healthcare and Biotechnology in India: Emerging trends and challenges(HBIETC-2017)"** sponsored by UGC organized by PG and Research Department of Zoology and Biotechnology at A.V.V.M Sri Pushpam College, Poondi, Thanjavur during 17/08/2017 to 18/08/2017.
22. College level Orientation on **"Faculty Empowerment Programme"** sponsored by Internal Quality Assurance Cell organized by Internal Quality Assurance Cell at Bishop Heber College during 14/06/2017 to 14/06/2017.
23. University level Seminar on **"Awareness on Environmental Health and Environmental Issues"** sponsored by UGC XII plan Extension activity for Rural Folks organized by Department of Environmental Health and Environmental Issues at Bharathidasan University Constituent College, Kurumbalur, Perambalur. during 16/02/2017 to 16/02/2017.
24. College level Workshop on **"Molecular and Immunological Techniques"** sponsored by DBT-STAR College organized by Department of Zoology at Bishop Heber College during 06/02/2017 to 07/02/2017.
25. National level Conference on **"National Conference on computational Analysis of Molecular Data in synergy with Biological Applications(CAMB-2017)"** sponsored by Department of Science and Technology organized by Department of Biotechnology and Bioinformatics at Bishop Heber College during 03/02/2017 to 03/02/2017.
26. International level Conference on **"Recent advances in synthetic Biology"** sponsored by UGC sponsored organized by Department of Biotechnology and Bioinformatics, Bishop Heber College, at Trichy during 08/01/2015 to 09/01/2015.
27. National level Workshop on **"Microbial Phylogenetics and Proteomics"** sponsored by Bioinformatics Infrastructure facility and Department of Biotechnology, organized by Bioinformatics Infrastructure facility and Department of Biotechnology, at Alagappa University during 12/02/2014 to 14/02/2014.
28. International level Conference on **"Chemistry in Synergy with Materials and Biology (ICMB-2014)"** sponsored by Bishop Heber College organized by PG and Research Department of chemistry at Trichy during 10/01/2014 to 11/01/2014.
29. University level Conference on **"Digital alternatives to Animal Dissections and Experiments organized by Mahatma Gandhi – Doerenkamp Center (MGDC) for alternatives to use of Animals in Life Science Education"** sponsored by Bharathidasan University organized by Bharathidasan University at Trichy during 17/08/2013 to 17/08/2013.
30. National level Conference on **"Current Challenges in Environment"** sponsored by Jamal Mohamed College organized by Jamal Mohamed College at Trichy during 07/03/2013 to 07/03/2013.



31. State level Workshop on **"Pharmacognostical Screening of Medicinal Plants"** sponsored by St. Joseph's College organized by St. Joseph's College at Trichy during 04/03/2013 to 04/03/2013.
32. Regional level Workshop on **"Electrophoretic, Immunological and Histological Techniques"** sponsored by Holy Cross College organized by Holy Cross College at Trichy during 11/02/2010 to 13/02/2010.
33. College level Conference on **"International Conference on Food Technology (INCOFTECH 2009)"** sponsored by UGC sponsored organized by Indian Institute of Crop Processing Technology (IICPT), at Thanjavur, during 28/08/2009 to 30/08/2009.
34. Regional level Seminar on **"Botanists and their Future"** sponsored by UGC sponsored organized by Department of Botany at Trichy during 26/02/2009 to 26/02/2009.
35. University level Seminar on **"Recent Trends in Chemical Signalling"** sponsored by Center for Pheromone Technology organized by Department of Animal Science, Bharathidasan University, at Trichy during 02/02/2009 to 02/02/2009.
36. National level Seminar on **"New Frontiers in Biomedical Sciences"** sponsored by UGC sponsored organized by Department of Zoology, Bishop Heber College, at Trichy during 03/07/2008 to 03/07/2008.
37. National level Seminar on **"Emerging Biomedical Sciences and Potential Applications"** sponsored by UGC sponsored organized by PG and Research Department of Zoology, Holy Cross College, at Trichy during 01/07/2008 to 01/08/2008.
38. College level Workshop on **"Power Point Presentation and Internet Usage"** sponsored by UGC sponsored organized by Bishop Heber College at Trichy during 23/04/2007 to 24/04/2007.
39. National level Seminar on **"Thrust Areas in Biotechnology"** sponsored by Thrust Areas in Biotechnology organized by Thrust Areas in Biotechnology at Trichy during 19/09/2006 to 19/09/2006.
40. College level Workshop on **"Curriculum Development and Evaluation"** sponsored by TANSCH and UGC organized by Academic Staff College, Bharathidasan University, at Bishop Heber College, during 03/09/2006 to 03/11/2006.
41. National level Seminar on **"Recent Trends in Biotechnology"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 24/02/2005 to 25/02/2005.



1. **"Evaluation of antiurolithiatic potential of methanolic fruit extract of Terminalia chebula Retz. on the kidney stone struvite crystals"** in the International conference on *28th International Conference on Research in Life-Sciences & Healthcare (ICRLSH)*, sponsored by , organized by Healthcare & Biological Sciences Research Association (HBSRA) at Universiti Teknologi Malaysia (UTM), Kuala Lumpur, Malaysia during 30/12/2019 to 31/12/2019.
2. **"Physiological and Histopathological studies of Antiobesity activity Pterocarpus marsupium Roxb.on MSG Obese Albino mouse Mus musculus"** in the International conference on *International Conference on Healthcare and Life science Research* sponsored by Global Research and Development Services, organized by International Association for Promotion of Healthcare and Life-Science Research(IAPHLSR) at Co0ngress Centre, Technico, University of Lisboa, Lisbon, Portugal during 29/05/2018 to 30/05/2018.
3. **"Physiological and Histopathological studies of Antiobesity activity Pterocarpus marsupium Roxb.on MSG Obese Albino mouse Mus musculus"** in the International conference on *International Conference on Healthcare and Life science Research* sponsored by Global Research and Development Services, organized by International Association for Promotion of Healthcare and Life-Science Research(IAPHLSR) at Co0ngress Centre, Technico, University of Lisboa, Lisbon, Portugal during 29/05/2018 to 30/05/2018.
4. **"Physiological and Histopathological studies of antiobesity activity of Pterocarpus marsupiumRoxb on MSG obese albino mouse Mus musculus"** in the International conference on *International Conference on Healthcare and Life-Science Research* sponsored by Global Research Development Services, organized by International Association for Promotion of Health care and Life-Science Research at Congress centre, Technico, during 29/05/2018 to 30/05/2018.
5. **"Effect of Couroupita guianensis extract on growth of urinary calculi struvite crystallization"** in the International conference on *Molecular Advances in Biomedical Research* sponsored by ICMR, organized by PG and Research Department of Zoology at Nehru Memorial College, Puthanampatti during 09/02/2018 to 10/02/2018.
6. **"Antiobesity management potential of leaf extract of Gymnema sylvestre in the MSG obese mouse Mus musculus"** in the National conference on sponsored by Healthcare and Biotechnology in India: Emerging Trends and Challenges (HBIETC - 2017), organized by PG and Research Department of Zoology and Biotechnology at A.V.V.M Sri Pushpam College, Thanjavur during 17/08/2017 to 18/08/2017.
7. **"Evaluation of Phytochemical, Antioxidant activity and Antimicrobial properties of North Indian medicinal plant Coix lacryma- Jobi"** in the National conference on *"Healthcare and Biotechnology in India : Emerging Trends and Challenges (HBIETC-2017)"* sponsored by UGC, organized by PG and Research Department of Zoology and Biotechnology at A.V.V.M Sri Pushpam College during 17/08/2017 to 18/08/2017.
8. **"Refresher Course in Life Sciences"** in the University conference on sponsored by UGC – Human Resource Development Centre, organized by Bharathidasan University at Trichy during 03/03/2016 to 23/03/2016.
9. **"Genome and proteome engineering"** in the University conference on sponsored by Bharathidasan University, organized by Bharathidasan University at Trichy during 12/02/2016 to 12/02/2016.
10. **"Physiological and histopathological studies in the food additive MSG induced obese mouse Mus musculus"** in the National conference on *Recent trends in Life Sciences* sponsored by UGC, organized by Jamal Mohamed College at Tiruchirappalli during 25/02/2015 to 25/02/2015.
11. **"Food additive and Obesity: Biochemical studies on the effect of MSG"** in the International conference on *the International conference on Cellular and Molecular Biology Science (CMBS 2010)* sponsored by , organized by Nanyang University and IACSIT at Singapore during 26/02/2010 to 28/02/2010.

12. **""Physico-chemical and Biochemical studies in Freshwater fish Labeo rohita exposed to textile bleaching effluent""** in the College conference on *National Seminar on Clean and Green Environment* conducted by Environmental Sciences Association, Bishop sponsored by , organized by Bishop Heber College at Trichy during 06/03/2009 to 06/03/2009.
13. **""Insitu Conservation Methods of Biodiversity""** in the Select conference on *State Level Seminar on Ecocentrism: A New Vision* sponsored by , organized by St.John's College, at St.John's College, during 17/02/2007 to 17/02/2007.
14. **""Effects of probiotic epicin in the laboratory rearing of Cirrhina mrigala: Bacterial profile of the medium and growth and survival of the fish""** in the National conference on *in the National Symposium on the Recent trends in Biotechnology* sponsored by , organized by Bishop Heber College at Trichy during 24/02/2005 to 25/02/2005.

## Publication in Journals

- 8

1. **"Growth characterization of struvite crystals influenced by Couroupita guianensis extract"** published in World Journal of Pharmacy and Pharmaceutical Sciences (PEER REVIEW) Vol. , Issue No. , February 2018 ISSN : ---.  
Impact factor , Scopus Index ICV 84.65, h - index , Citation index
2. **"Diabetic Management potential of Pterocarpus marsupium Roxb. on MSG obese albino mouse Mus musculus"** published in Asian journal of Microbiology, Biotechnology and Environmental Science (PEER REVIEW) Vol. 19, Issue No. 4, December 2017 ISSN : 0972-3005.
3. **"Impact of textile bleaching effluent on Fresh water fish, Labeo rohita"** published in Indian Journal of Natural Sciences (E-JOURNAL) Vol. , Issue No. , January 2014 ISSN : 0976-0997.
4. **"Biochemical and histological studies on the diabetic management potential of Pterocarpus marsupium on the MSG obese mouse"** published in the Asian Journal of Microbiology Biotechnology and Environmental Sciences (PEER REVIEW) Vol. 1, Issue No. , January 2012 ISSN : 0972-3005.
5. **"Food additive and Obesity: Biochemical studies on the effect of MSG"** published in International conference on Cellular and Molecular Biology Science (CMBS) (CONFERENCE PROCEEDING) Vol. , Issue No. , January 2010 ISSN : 978-1-84626-023-0.
6. **"Studies on Bacteriological Analysis of the Medium and Growth and survival of the Fresh Water Fish Cirrhina mrigala treated with Probiotic, Epicin"** published in Asian Journal of Microbiology, Biotechnology and Environmental Sciences (PEER REVIEW) Vol. 1, Issue No. , January 2008 ISSN : 0972-3005.
7. **"Studies on Bacteriological Analysis of the Medium and Growth and survival of the Fresh Water Fish Cirrhina mrigala treated with Probiotic, Epicin"** published in Asian Journal of Microbiology, Biotechnology and Environmental Sciences (PEER REVIEW) Vol. 1, Issue No. , January 2008 ISSN : 0972-3005.
8. **"" Effect of probiotic epicin in the laboratory rearing of Cirrhina mrigala Water Quality Assessment""** published in Pollution Research (SELECT) Vol. 25, Issue No. (4), January 2006 ISSN : ISSN 0257-8050.



## Publication in Books - 2

1. **17. Effects of Pterocarpus marsupium in the Management of Type 2 Diabetes Mellitus.** Drug Development for Cancer and Diabetes: A Path to 2030. Florida - USA :Apple Academic Press, September 2020.
2. **Laboratory Manual of Clinical Microbiology, Clinical Biochemistry & Clinical Pathology.** Laboratory Manual of Clinical Microbiology, Clinical Biochemistry & Clinical Pathology. Trichy :Publisher identifier No.906267, January 2010.

## Conferences / Workshops / Seminars Organised - 5

1. International level Seminar Entitled **"Webinar on 3D Cell Culture and Tissue Engineering"** at Department of Zoology, Bishop Heber College, sponsored by , during 26/05/2020 to 01/01/1900.
2. International level Conference Entitled **"Frontiers in Chronic Diseases ICFCD 20"** at Department of Zoology, Bishop Heber College, sponsored by DBT, Government of India, during 19/02/2020 to 20/02/2020.
3. College level Workshop Entitled **"DNA Finger Printing"** at Department of Zoology, Bishop Heber College, sponsored by DBT Star College, during 24/07/2019 to 25/07/2019.
4. International level Workshop Entitled **"Recent Developments in Genetic Engineering and Gene therapy through Bactofection"** at Bishop Heber College, sponsored by DBT- Star College, during 26/02/2019 to 27/02/2019.
5. State level Workshop Entitled **"Kerala forest and Wild life Conservation"** at PeriyarTiger Reserve, Thekkady, sponsored by College of Excellence, during 13/11/2018 to 14/11/2018.

## Awards Recieved - 1

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Best Paper Presenter	Healthcare & Biological Sciences Research Association (HBSRA)	30/12/2019	INTERNATIONAL	Eurasia Research	0

## EXTENSION / PART V ACTIVITIES UNDERTAKEN - 1

1. CONVENOR, QUIZ CLUB for BHC students for the TRICHY during 01/06/2011 to 30/04/2013.

## PROFESSIONAL MEMBERSHIP - 2

- \* Member No: 80336556 of International Association of Computer Science and Information Technology, Singapore. during 01/02/2010 - Till Date
- \* IAPHLRSR-M17184 - Life Time membership in the International Association for Promotion of Healthcare and Life-Science Research of Global Research and Development Services during 01/01/1900 -



## TRAINING PROGRAMME

- 3

- # NATIONAL level on **"Two - Day e - Faculty Training Program"** Sponsored by The Institution of Engineers (India), Tiruvallur Local Centre, Organized by Faculty of Humanities and Science, Adayalampattu at Dr. M.G.R Educational And Research Institute during 29/05/2020 - 30/05/2020.
- # COLLEGE level on **"Faculty Training Program"** Sponsored by DBT Star College Scheme of Bishop Heber College, Tiruchirappalli, Organized by PSGR Krishnammal College for Women, Coimbatore at Coimbatore during 30/08/2019 - 01/01/1900.

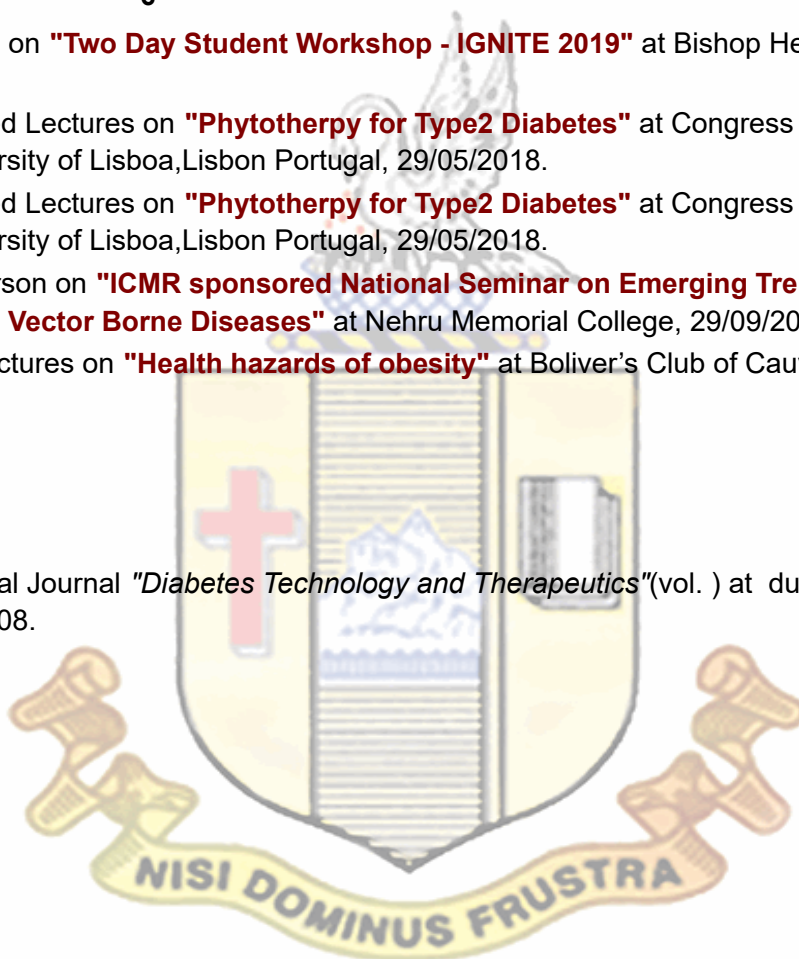
## RESOURCE PERSON

- 6

1. College level Workshop on **"Two Day Student Workshop - IGNITE 2019"** at Bishop Heber College, 24/06/2019.
2. International level Invited Lectures on **"Phytotherapy for Type2 Diabetes"** at Congress Centre, Technico, University of Lisboa, Lisbon Portugal, 29/05/2018.
3. International level Invited Lectures on **"Phytotherapy for Type2 Diabetes"** at Congress Centre, Technico, University of Lisboa, Lisbon Portugal, 29/05/2018.
5. National level Chair Person on **"ICMR sponsored National Seminar on Emerging Trends in Control of Vectors and Vector Borne Diseases"** at Nehru Memorial College, 29/09/2016.
6. College level Invited Lectures on **"Health hazards of obesity"** at Boliver's Club of Cauvery College, 12/07/2012.

## JOURNAL REFEREE

1. **Member** of International Journal *"Diabetes Technology and Therapeutics"*(vol. ) at during 06/01/2006 - 05/02/2008.



**Signature of Staff**  
**(PRISCILLA SURESH)**