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|        |                    |  |      |
|--------|--------------------|--|------|
| M.Sc   | Zoology            | Bharathiyar University                       | 2015 |
| B.Ed   | Biological Science | Annai Therasa College Of Education For Woman | 2006 |
| M.Phil | Biotechnology      | Bharathidasan University                     | 2005 |
| M.Sc   | Biotechnology      | Bishop Heber College                         | 2004 |
| B.Sc   | Zoology            | Holy Cross College                           | 2002 |

**Ph.D. Details**

|  |                               |                            |                      |
|--|-------------------------------|----------------------------|----------------------|
| <b>Title of Thesis</b>   | <b>Area of Specialization</b> | <b>Research Centre</b>     | <b>Year of Award</b> |
| "IN-VITRO, IN-VIVO AND IN-SILICO STUDIES ON THE EFFECTIVENESS OF ISM-A POLY HERBAL FORMULATION IN THE TREATMENT OF ALCOHOLIC CIRRHOSIS AND LIVER CANCER" | ZOOLOGY                       | Holy Cross College, Trichy | April 2022           |
| <b>Research Supervisor</b>   |                               |                            |                      |
| Dr. Homelona Avelar  |                               |                            |                      |

|                            |                |                        |
|----------------------------|----------------|------------------------|
| <b>Cleared NET / SET :</b> | <b>Details</b> | <b>Year of Passing</b> |
|                            |                |                        |

## Additional Qualification

| Name of Course  | Place of Study  | Date           | Duration |
|---|---|----------------|----------|
| Calligraphy   | BHC   | 2009           | 3 months |
| Basic Course for Guide Captains                               | Bharat Scouts & Guides Training Programme held at Annai Therasa's College of Education for Women, Pavithram, Thiruvannamalai. | February 2006  | 7 days   |
| Course on Women's Rights                                      | Ecumenical Christian Centre, Whitefield, Bangalore.   | September 2005 | 4 days   |
| Diploma in Religious Education                                | Christian Educational Council of Tamilnadu Diploma Programme held in Holy Cross College, Trichy                               | June 2002      | 3 years  |
| Certificate in Essence of Christian Faith (C.E.C) Examination | Christian Educational Council of Tamilnadu Certificate Programme held in Holy Cross College, Trichy                           | June 2002      | 3 years  |
| Certificate in Old Testament                                  | Christian Educational Council of Tamilnadu Diploma Programme held in Holy Cross College, Trichy                               | August 2001    | 1 year   |
| Certificate in New Testament                                  | Christian Educational Council of Tamilnadu Diploma Programme held in Holy Cross College, Trichy                               | July 2000      | 1 year   |
| Food Allergy Online Training                                  | Food Standards Agency, United Kingdom (Online)  | 9.4.2020       | -        |

## Work Experience

| Name of Institution                      | Address of Institution       | Designation         | From       | To         |
|--|------------------------------|---------------------|------------|------------|
| BISHOP HEBER COLLEGE                     | Vayalur Road, Trichy-620017. | ASSISTANT PROFESSOR | 2008       | Till date  |
| Arignar Anna Govt Arts & Science College | vadugapatti road, Musiri.    | Guest Lecturer      | 20/06/2006 | 15/04/2008 |

## Teaching / Research Experience

**U.G. :** 10 years      **P.G. :** 14 years      **M.Phil.**      **Ph.D.**

## Research Guidance

**U.G. :** 4      **P.G. :** 14      **M.Phil. :**      **Ph.D. :**

## Table of Contents

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| 1.  | <b>Conferences / workshops / Seminars Attended</b>  | <b>45</b>    |
| 2.  | <b>Research Papers Presented</b>                    | <b>38</b>    |
| 3.  | <b>Publication in Journals</b>                      | <b>9</b>     |
| 4.  | <b>Publication in Books</b>                         | <b>12</b>    |
| 5.  | <b>Books Published / Edited</b>                     | <b>0</b>     |
| 6.  | <b>Conferences / Workshops / Seminars Organised</b> | <b>14</b>    |
| 7.  | <b>Research Projects</b>                            | <b>1</b>     |
| 8.  | <b>Resource Person</b>                              | <b>0</b>     |
| 9.  | <b>Consultancy</b>                                  | <b>0</b>     |
| 10. | <b>Awards Recieved</b>                              | <b>0</b>     |
| 11. | <b>Patent</b>                                       | <b>0</b>     |
| 12. | <b>Extension Activities Undertaken</b>              | <b>0</b>     |
| 13. | <b>Professional Membership</b>                      | <b>0</b>     |
| 14. | <b>M.Phil. / Ph.D. Produced</b>                     | <b>0 / 0</b> |

1. National level Seminar on "**Webinar Series in Animal Sciences – I “Exploration of Biochemical & Molecular Perspectives in Life”**" sponsored by Nirmala College for Women organized by Nirmala College for Women at Coimbatore- 641018 during 15/07/2021 to 15/07/2021.
2. International level Workshop on "**One Day International Webinar on Molecular Markers in Plant Pathology**" sponsored by Dept.of Biotechnology, St.Joseph’s College organized by Dept.of Biotechnology, St.Joseph’s College at Trichy during 26/03/2021 to 26/03/2021.
3. College level Workshop on "**1. A Two-days Workshop on E-Resources: A Boon for the teaching and Research**" sponsored by PG & Research Department of Library and Information Science & The College Library, Bishop Heber College (INFLIBNET N-LIST) organized by PG & Research Department of Library and Information Science & The College Library, Bishop Heber College (INFLIBNET N-LIST) at Trichy-17 during 26/03/2021 to 27/03/2021.
4. International level Conference on "**International Conference on “Importance of Microorganisms in Research- ICIMR-2020”**" sponsored by Annai Violet Arts & Science College organized by Annai Violet Arts & Science College at Chennai-600053 during 07/11/2020 to 07/11/2020.
5. State level Seminar on "**Webinar on “Integrated Urban Water Management”**" sponsored by SWEAR Trust and Dept. of Environmental Sciences, BHC organized by SWEAR Trust and Dept. of Environmental Sciences, BHC at Trichy-17 during 08/08/2020 to 08/08/2020.
6. National level Seminar on "**Webinar in commemoration of “International Tiger Day”**" sponsored by PG & Research Dept. of Zoology, Bishop Heber College organized by PG & Research Dept. of Zoology, Bishop Heber College at Trichy-17 during 29/07/2020 to 29/07/2020.
7. State level Orientation on "**FDP- Scholars Who Rocked The WORLD- “ARISTOTLE”**" sponsored by SNMV College of Arts & Science, Tamilnadu Science Forum organized by SNMV College of Arts & Science, Tamilnadu Science Forum at Tirupur during 27/07/2020 to 27/07/2020.
8. State level Seminar on "**Online Webinar Series on “Importance to Preserve Excavation” as a part of “Stories of forefather”**" sponsored by Tamilnadu Science Forum –Tirupur District and Jai Shriram Engineering College organized by Tamilnadu Science Forum –Tirupur District and Jai Shriram Engineering College at Tirupur during 25/07/2020 to 25/07/2020.
9. -1 level Orientation on "**Two day Webinar on “ An Insight in to Commercial Applications of Microorganisms in the Current Era”**" sponsored by Dept. of Microbiology Madras Christian College, organized by Dept. of Microbiology Madras Christian College, at Chennai during 24/07/2020 to 25/07/2020.
10. State level Seminar on "**Online Webinar Series on “Unknown truths of Keezhadi”**" sponsored by Tamilnadu Science Forum –Tirupur District and Jai Shriram Engineering College organized by Tamilnadu Science Forum –Tirupur District and Jai Shriram Engineering College at Tirupur during 23/07/2020 to 23/07/2020.
11. State level Seminar on "**“Science Behind Criminal Investigation (SBCI-2020)”**" sponsored by PG & Research Dept. of Chemistry, Kamaraj College organized by PG & Research Dept. of Chemistry, Kamaraj College at Thoothukudi during 22/07/2020 to 22/07/2020.
12. International level Seminar on "**International Webinar on “Scientific Writing, Peer Review and Research Integrity”**" sponsored by PG & Research Dept. of Zoology in Association with IQAC of Periyar EVR College organized by PG & Research Dept. of Zoology in Association with IQAC of Periyar EVR College at Tiruchirappalli during 17/07/2020 to 17/07/2020.
13. State level Conference on "**YAATHUM UYIRE**" sponsored by Tamilnadu Science Forum organized by Tamilnadu Science Forum at Tirupur & Karur during 16/07/2020 to 18/07/2020.
14. -1 level Orientation on "**UGC STRIDE COMPONENT-1 FDP Webinar Series III**" sponsored by Center for Research and Publications, Holy Cross College organized by Center for Research and Publications, Holy Cross College at Trichy during 13/07/2020 to 18/07/2020.
15. College level Seminar on "**“Time for Nature- for World Environment Day”**" sponsored by PG & Research Dept. of Environmental Sciences, BHC organized by PG & Research Dept. of Environmental Sciences, BHC at Trichy-17 during 05/06/2020 to 05/06/2020.

16. -1 level Seminar on **"2 Days-Faculty Development Program on Online Teaching & E-content"** sponsored by IIDE Certificate organized by IIDE Certificate at during 03/06/2020 to 04/06/2020.
17. National level Orientation on **"UGC STRIDE program "Science communication" & "Analysis of Scientific publications for enhanced visibility"** sponsored by Mizoram University organized by Mizoram University at Aizawl during 29/05/2020 to 29/05/2020.
18. International level Seminar on **"International Webinar Conference on Biomaterials on Healthcare Application"** sponsored by Dept.of Biotechnology, Karunya Institute of Technology and Sciences. organized by Dept.of Biotechnology, Karunya Institute of Technology and Sciences. at Coimbatore during 28/05/2020 to 30/05/2020.
19. -1 level Seminar on **"Webinar on 3D Cell Culture and Tissue Engineering"** sponsored by PG & Research Dept. of Zoology, Bishop Heber College organized by PG & Research Dept. of Zoology, Bishop Heber College at Trichy-17 during 26/05/2020 to 26/05/2020.
20. College level Seminar on **"Webinar on Unlocking Online Evaluation"** sponsored by IQAC, Bishop Heber College organized by IQAC, Bishop Heber College at Trichy during 22/05/2020 to 22/05/2020.
21. College level Seminar on **"Webinar on Online Teaching: The New Norm"** sponsored by IQAC, Bishop Heber College organized by IQAC, Bishop Heber College at Trichy-17 during 21/05/2020 to 21/05/2020.
22. International level Seminar on **"International Webinar on Trends in Microbiology"** sponsored by PG & Research Dept. of Microbiology, JJ Arts and Science College organized by PG & Research Dept. of Microbiology, JJ Arts and Science College at Pudukkottai during 18/05/2020 to 20/05/2020.
23. State level Seminar on **"Hands-on training cum Workshop on ELISA & Fermentor"** sponsored by Heber Analytical Instrumentation Facility, Bishop Heber College organized by Heber Analytical Instrumentation Facility, Bishop Heber College at Trichy during 28/02/2020 to 28/02/2020.
24. International level Conference on **"Prospects of Biosciences in Transdisciplinary Research-2020 (PBTR'20)"** sponsored by Dept. of Biotechnology & Bioinformatics, BHC organized by Dept. of Biotechnology & Bioinformatics, BHC at Trichy-17 during 21/01/2020 to 22/01/2020.
25. State level Seminar on **"Hands-on Training Workshop on Zebra Fish –biomedical researcher friend"** sponsored by PG & Research Department of Biotechnology and Bioinformatics, Bishop Heber College organized by PG & Research Department of Biotechnology and Bioinformatics, Bishop Heber College at Trichy during 27/09/2019 to 27/09/2019.
26. College level Orientation on **"Faculty Recharging Programme"** sponsored by Internal Quality Assurance Cell, Bishop Heber College organized by Internal Quality Assurance Cell, Bishop Heber College at Tiruchirappalli during 12/06/2019 to 13/06/2019.
27. -1 level Conference on **"DST-SERB Sponsored National Conference on (NUCAB'19)"** sponsored by DST-SERB organized by Dept. of Biotechnology & Bioinformatics, BHC at Trichy-17 during 06/01/2019 to 07/01/2019.
28. State level Workshop on **"Molecular Techniques using Zebra Fish as a Model"** sponsored by PG & Research Department of Zoology, Holy Cross College, Trichy in association with Molecular & Nanomedicine Research Unit, Sathyabama Institute of Science And Technology organized by PG & Research Department of Zoology, Holy Cross College, Trichy in association with Molecular & Nanomedicine Research Unit, Sathyabama Institute of Science And Technology at Chennai during 13/12/2018 to 14/12/2018.
29. National level Workshop on **"Analytical Techniques for Research in Physics, Chemistry and Life Science (ATRPCL-2018)"** sponsored by Heber Analytical Instrumentation Facility, Bishop Heber College organized by Heber Analytical Instrumentation Facility, Bishop Heber College at Trichy during 09/03/2018 to 09/03/2018.
30. State level Workshop on **"Discovery and Development of Novel Therapeutics through Insilico Methods"** sponsored by PG Department of Biotechnology & Bioinformatics, Bishop Heber College organized by PG Department of Biotechnology & Bioinformatics, Bishop Heber College at Trichy-17 during 14/02/2018 to 15/02/2018.

31. National level Workshop on **"7. Indian Academy of Science Bangalore & Alahabad, Indian National Science Academy New Delhi sponsored Science Academies' Lecture Workshop on "Modern Trends in Biology"**" sponsored by Department of Biotechnology, Cauvery College for Women organized by Department of Biotechnology, Cauvery College for Women at Trichy during 21/09/2017 to 22/09/2017.
32. International level Conference on **"DST-SERB Sponsored International Conference on "Frontiers in Nano-Biotechnology (ICFNB'17)"**" sponsored by DST-SERB organized by Dept. of Biotechnology & Bioinformatics, BHC at Trichy-17 during 08/09/2017 to 09/09/2017.
33. College level Orientation on **"8. " Faculty Empowerment program "**" sponsored by IQAC, Bishop Heber College organized by IQAC, Bishop Heber College at Trichy-17 during 14/06/2017 to 14/06/2017.
34. College level Orientation on **"DBT – Sponsored two days Workshop on Curriculum Design and Evaluation Techniques"**" sponsored by DBT organized by Bishop Heber College at Trichy-17 during 21/11/2016 to 22/11/2016.
35. College level Workshop on **"DBT – Sponsored two days Workshop on Curriculum Design and Evaluation Techniques"**" sponsored by DBT organized by Bishop Heber College at Trichy-17 during 21/11/2016 to 22/11/2016.
36. International level Conference on **"International Conference on Biodiversity and Bioactive Natural Products for Human Welfare-2016 "BIONAT 2016"**" sponsored by Department of Botany, Government Arts College(Autonomous), organized by Department of Botany, Government Arts College(Autonomous), at Karur during 10/02/2016 to 12/02/2016.
37. -1 level Workshop on **"1. "Workshop on Caring The Homeless Children at Tiruchirappalli"**" sponsored by CHILDLINE 1098 Nodal Organization, Bishop Heber College, organized by CHILDLINE 1098 Nodal Organization, Bishop Heber College, at Trichy during 10/03/2015 to 10/03/2015.
38. College level Workshop on **"Structural Bioinformatics and Protein 3D structure visualization"**" sponsored by PG Department of Biotechnology, Bishop Heber College, organized by PG Department of Biotechnology, Bishop Heber College, at Trichy during 28/07/2014 to 28/07/2014.
39. College level Workshop on **"PRODOCK'14"**" sponsored by Department of Biotechnology, Bishop Heber College, organized by Department of Biotechnology, Bishop Heber College, at Trichy during 21/03/2014 to 22/03/2014.
40. College level Workshop on **"Computer Aided Drug Design"**" sponsored by PG Department of Biotechnology, Bishop Heber College, organized by PG Department of Biotechnology, Bishop Heber College, at Trichy during 05/03/2014 to 05/03/2014.
41. College level Workshop on **"Workshop on Molecular Modelling computer aided drug design structural biology"**" sponsored by PG Department of Biotechnology, Bishop Heber College, organized by PG Department of Biotechnology, Bishop Heber College, at Trichy during 02/12/2012 to 02/12/2012.
42. College level Workshop on **"Capacity building program"**" sponsored by BHC organized by BHC at Trichy during 25/02/2012 to 25/02/2012.
43. -1 level Workshop on **"Workshop on Examination Reforms"**" sponsored by BHC organized by BHC at Trichy during 18/03/2011 to 19/03/2011.
44. National level Seminar on **"Emerging trends in Biological Sciences"**" sponsored by Department of Microbiology and Biochemistry. Shrimathi Indira Gandhi College, organized by Department of Microbiology and Biochemistry. Shrimathi Indira Gandhi College, at Trichy during 09/10/2006 to 10/10/2006.
45. -1 level Seminar on **"Webinar Series in Animal Sciences – I "Exploration of Biochemical & Molecular Perspectives in Life Sciences"**" sponsored by organized by at during 01/01/1900 to 01/01/1900.

1. **“Antimicrobial Effect of ISM Drug LIVORAL – A Hepatoprotective agent in alcohol induced liver damage on Zebrafish larvae”** in the International conference on *International Conference on (ICFEHM'20)* sponsored by , organized by PG and Research Department of Zoology, Government Arts College at Ariyalur-621713 during 27/02/2020 to 28/01/2020.
2. **“Invitro and Insilico study for the assessment of Hepatocellular activity in some medicinal plants”** in the International conference on *International Conference on Frontiers in Chronic Diseases (ICFCD'20)* sponsored by , organized by PG and Research Department of Zoology, Bishop Heber College at Trichy-17 during 19/02/2020 to 01/01/1900.
3. **“Genotoxic Effect of Copper in Zebra Fish Neural Cells”** in the International conference on *DST & SERB sponsored International Conference on “Frontiers in Nano-Biotechnology”* sponsored by DST & SERB, organized by Dept. of Biotechnology, BHC at Trichy-17 during 08/09/2017 to 09/09/2017.
4. **“Study on teratogenic effects of ricin, annabhedhi chenduram using zebrafish embryo as a model system”** in the National conference on *National Conference on “Computational analysis of Molecular Data in synergy with Biological Applications (CAMB-2017)”* sponsored by , organized by Dept. of Biotechnology, BHC at Trichy-17 during 03/02/2017 to 01/01/1900.
5. **“Studies on the Embryo of Zebra fish Danio rerio as a model system for the teratogenic effects of various drugs induced toxicity”** in the Select conference on *International Seminar on Bioscience and its applications* sponsored by , organized by Research Department of Biotechnology, Bharathidasan University Constituent College at Kurumbalur, Perambalur (Dist) during 30/08/2016 to 01/01/1900.
6. **“Studies on the Embryo of Zebra fish Danio rerio as a model system for the teratogenic effects of various drugs induced toxicity”** in the International conference on *International Seminar on Bioscience and its applications* sponsored by , organized by Research Department of Biotechnology, Bharathidasan University Constituent College at Kurumbalur, Perambalur (Dist) during 30/08/2016 to 01/01/1900.
7. **“A review on factors affecting the Physiological and Behavioural changes in Gold Fish”** in the Select conference on *National Conference on Achievements, Challenges and Opportunities in Environmental Biotechnology For Sustainable Livelihood Security Sponsored by Department of Biotechnology (DBT), Govt. of India* sponsored by Department of Biotechnology (DBT), Govt. of India, organized by Tamilnadu Scientific Research Organization (TNSRO) at Koodalnagar, Pudukkottai(Dist) during 27/02/2016 to 28/02/2016.
8. **“Screening And Characterization of Bio Surfactants From Marine Bacteria”** in the International conference on *International Conference on Biodiversity and Bioactive Natural Products for Human Welfare-2016 “BIONAT 2016”* sponsored by , organized by Department of Botany, Government Arts College(Autonomous), at Karur during 10/02/2016 to 12/02/2016.
9. **“Preliminary Phytochemical Screening and Antimicrobial Activity of the extract of Murraya koenii (L) Against Cardio Vascular Disease causing Mouth Microbes”** in the National conference on *Herbal Focus* sponsored by , organized by Department of Life Sciences, Srimad Andavan Arts & Science College, at Trichy during 29/09/2015 to 30/09/2015.
10. **“Activity against Urinary Tract infection Antimicrobial by Bryophillum pinnatum”** in the National conference on *National Seminar on Recent Trends in Life Sciences (RTLS-2015)* sponsored by , organized by P.G and Research Department of Biotechnology, Jamal Mohamed College, at Trichy during 25/02/2015 to 25/02/2015.
11. **“Comparative Analysis of Gut Microbiota From Normal and Obese Indian Individuals”** in the National conference on *National Symposium on Recent Advances in Medicinal and Aromatic plants (NASYMP'15)* sponsored by UGC, organized by Dept. of Botany, St. Joseph's College, at Trichy during 05/02/2015 to 05/02/2015.

12. **“Creation of Antivenom Medicinal plant Database and its applications”** in the National conference on *National Symposium on Recent Advances in Medicinal and Aromatic plants (NASYMP'15)* sponsored by UGC, organized by Dept. of Botany, St. Joseph's College, at Trichy during 05/02/2015 to 05/02/2015.
13. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
14. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
15. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
16. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
17. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
18. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
19. **“Insilico Approach on the Compound of *Limonia acidissima* For Oral Cancer”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
20. **“Evaluation of Phytochemical and Antimicrobial Activity of *Andrographis paniculata* in Different Condition and Temperature”** in the Select conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
21. **“Phytochemical Analysis and Antimicrobial Screening of *Bryophyllum pinnatum* against Urinary Tract Infection”** in the Select conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
22. **“Phytochemical Analysis and Antimicrobial Screening of *Bryophyllum pinnatum* against Urinary Tract Infection”** in the Select conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
23. **“Phytochemical Analysis and Antimicrobial Screening of *Bryophyllum pinnatum* against Urinary Tract Infection”** in the Select conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
24. **“Micropropagation of Endangered Indian Sandalwood (*Santalum Album* L)”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.



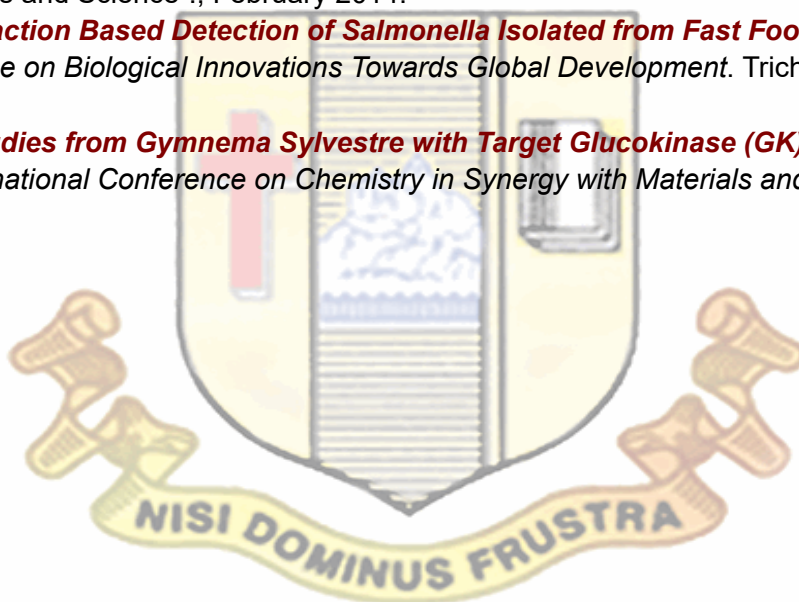
25. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
26. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
27. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
28. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
29. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
30. **“Pharmacognostic Effect of Leaves Extract of *Murraya koenigii* (L) On Mouth Microbiome”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
31. **“Evaluating the Antibacterial And Wound Healing Properties of *Leucas aspera* leaves against Foot And Mouth Disease in Cows”** in the International conference on *International Conference on “Recent Advances in Synthetic Biology”* sponsored by , organized by Dept. of Biotechnology, BHC, at Trichy during 08/01/2015 to 09/01/2015.
32. **“Evaluation of Antiulcer activity of *Woodfordia fruticosa* flower”** in the National conference on *National Level Conference on “The Human Micro biome in Health and Disease”* sponsored by , organized by Biological Science Departments, K.S.Rangasamy College of Arts and Science, at Thokkavadi, Thiruchengode during 27/11/2014 to 28/11/2014.
33. **“Polymerase Chain Reaction Based Detection of *Salmonella* Isolated from Fast Foods”** in the Select conference on *International Level Conference on Biological Innovations Towards Global Development* sponsored by , organized by PG Dept. of Biotechnology, Bishop Heber College, at Trichy during 09/02/2013 to 10/02/2013.
34. **“Bioremediation of Oil Spills”**, in the National conference on *National Level Symposium on Recent Trends in Biotechnology* sponsored by , organized by PG Dept. of Biotechnology, Bishop Heber College, at Trichy during 24/02/2005 to 25/02/2005.
35. **“Isolation, Identification & Characterization of Bacteria and Fungi from Oil spills”** in the National conference on *National Level Conference on Recent Trends in Microbial Biotechnology* sponsored by , organized by SASTRA Deemed University at , Tanjore during 11/03/2004 to 12/03/2004.
36. **“*Vam mycorrhizae* a Biological tool to control Nematodes in Brinjal”** in the State conference on *State Level Seminar on Biodiversity & its conservation in Traditional Knowledge* sponsored by , organized by Holy Cross College, at Trichy during 31/01/2003 to 01/02/2003.
37. **“Molecular Docking studies from *Gymnema Sylvestre* with Target Glucokinase (GK) related to Type-II Diabetes”** in the International conference on *International Conference on Chemistry in Synergy with Materials and Biology*, sponsored by , organized by Dept. of Chemistry, BHC, at Trichy during 01/01/1900 to 01/01/1900.

38. **“Preliminary Phytochemical Screening and Antimicrobial Activity of the extract of *Murraya koenii* (L) Against Cardio Vascular Disease causing Mouth Microbes”** in the National conference on *Herbal Focus* sponsored by , organized by Department of Life Sciences, Srimad Andavan Arts & Science College, at Trichy during 01/01/1900 to 01/01/1900.

**Publication in Journals - 9**

1. **"Potential Inhibitor of SARS-CoV-2 main protease from *Andrographis Paniculata*: an In-silico Approach"** published in Journal of Chemical and Pharmaceutical Research (PEER REVIEW) Vol. 12, Issue No. 12, December 2020 ISSN : 0975-7384.
2. **"Potential Inhibitor of SARS-CoV-2 main protease from *Andrographis Paniculata*: an In-silico Approach"** published in Journal of Chemical and Pharmaceutical Research (PEER REVIEW) Vol. 12, Issue No. 12, December 2020 ISSN : 0975-7384.
3. **"Phytochemical characterization and cytotoxicity analysis of ayurvedic formulation of drug"** published in International Journal of Research in Pharmaceutical Sciences (PEER REVIEW) Vol. 11, Issue No. 3, June 2020 ISSN : 0975-7538.
4. **"Antimicrobial and hepatoprotective effect of ISM Drug in alcohol induced liver damage on Zebrafish larvae"** published in International Journal of Research in Pharmaceutical Sciences (PEER REVIEW) Vol. 11, Issue No. 3, June 2020 ISSN : 0975-7538.
5. **"In vitro and In silico Studies of *Murraya koenigii* (L) against *Streptococcus mutant*"** published in Journal of Chemical and Pharmaceutical Research (PEER REVIEW) Vol. 5, Issue No. , September 2017 ISSN : 0975-7384.
6. **"In vitro and In silico Studies of *Murraya koenigii* (L) against *Streptococcus mutant*"** published in Journal of Chemical and Pharmaceutical Research (PEER REVIEW) Vol. 5, Issue No. , September 2017 ISSN : 0975-7384.
7. **"Insilico Screening of NNRTI as Potential Targets for Tumor Control"** published in International Journal of Engineering Science and Technology (SELECT) Vol. Vol. 2(9), Issue No. , January 2010 ISSN : 0975-5462.
8. **"Insilico Screening of NNRTI as Potential Targets for Tumor Control"** published in International Journal of Engineering Science and Technology (SELECT) Vol. Vol. 2(9), Issue No. , January 2010 ISSN : 0975-5462.
9. **"Antibacterial Activity of some medicinal plants in tamilnadu, India."** published in Online Journal of Biotechnology Research (SELECT) Vol. Vol.1 (3), Issue No. , January 2010 ISSN : 0975-1734.

1. **Insilico Approach on the Compound of Limonia acidissima For Oral Cancer**". International Conference on Chemistry in Synergy with Materials and Biology. :, January 2016.
2. **Phytochemical Analysis and Antimicrobial Screening of Bryophyllum pinnatum against Urinary Tract Infection**. International Conference on Biological Innovations Towards Global Development. :, January 2015.
3. **Evaluation of Phytochemical and Antimicrobial Activity of Andrographis paniculata in Different Condition and Temperature**. International Conference on "Recent Advances in Synthetic Biology". :, January 2015.
4. **Pharmacognostic Effect of Leaves Extract of Murraya koenigii (L) On Mouth Microbiome**. International Conference on Biological Innovations Towards Global Development. :, January 2015.
5. **Evaluating the Antibacterial and Wound Healing Properties of Leucas aspera leaves against Foot And Mouth Disease in Cows**. International Conference on "Recent Advances in Synthetic Biology". :, January 2015.
6. **Micropropagation of Endangered Indian Sandalwood (Santalum Album L.)**. International Conference on "Recent Advances in Synthetic Biology". :, January 2015.
7. **"Polymerase Chain Reaction Based Detection of Salmonella Isolated from Fast Foods" Paper presented at the National Level Seminar on "Advance Trends in Bioscience"**. International Conference on Chemistry in Synergy with Materials and Biology,. Dept. of Biotechnology, Sri Vinayaga College of Arts and Science :, February 2014.
8. **Polymerase Chain Reaction Based Detection of Salmonella Isolated from Fast Foods**. International Conference on Biological Innovations Towards Global Development. Trichy :, February 2013.
9. **Molecular Docking studies from Gymnema Sylvestre with Target Glucokinase (GK) related to Type-II Diabetes**. International Conference on Chemistry in Synergy with Materials and Biology. :, February 2011.



## Conferences / Workshops / Seminars Organised

- 14

1. College level Workshop Entitled "**Biofest'16**" at Trichy, sponsored by , during 09/02/2016 to 01/01/1900.
2. International level Conference Entitled "**International Conference on "Recent Advances in Synthetic Biology (RASB-2015)"**" at Trichy, sponsored by UGC, during 08/01/2015 to 09/01/2015.
3. State level Workshop Entitled "**Structural Bioinformatics and Protein 3D structure visualization**" at , sponsored by , during 28/07/2014 to 01/01/1900.
4. State level Workshop Entitled "**PRODOCK'14**" at Trichy, sponsored by , during 21/03/2014 to 22/03/2014.
5. National level Workshop Entitled "**Computer Aided Drug Design**" at Trichy, sponsored by , during 05/03/2013 to 01/01/1900.
6. International level Conference Entitled "**International Level Conference on Biological Innovations Through Global Development (BITGD)**" at Trichy, sponsored by , during 09/02/2013 to 10/02/2013.
7. College level Workshop Entitled "**BIOFEST-13**" at Trichy, sponsored by , during 16/01/2013 to 01/01/1900.
8. National level Workshop Entitled "**Workshop on Molecular Modelling computer aided drug design structural biology**" at Trichy, sponsored by , during 02/12/2012 to 01/01/1900.
9. National level Seminar Entitled "**National seminar on impact of Biotechnology on environment and health issues**" at Trichy, sponsored by -, during 05/03/2012 to 01/01/1900.
10. College level Workshop Entitled "**Biofest'11**" at Trichy, sponsored by , during 02/12/2011 to 01/01/1900.
11. National level Conference Entitled "**National Conference on Biotechnology – Its Advent and Future Promises**" at Trichy, sponsored by -, during 06/01/2011 to 01/01/1900.
12. National level Seminar Entitled "**One day Seminar on "Job opportunities in KPO,LPO & IPR Management"**" at Trichy, sponsored by -, during 06/01/2011 to 01/01/1900.
13. National level Seminar Entitled "**National Seminar on "Recent Advances in Biotechnology" (NSRAB)**" at Trichy, sponsored by , during 18/03/2009 to 01/01/1900.

## RESEARCH PROJECTS

- 1

1. Minor project entitled "**Conservation of Medicinally Important Endangered Plants in Southern part of Western Ghats(Tamilnadu) Through Invitro Regeneration**" (*PRINCIPAL INVESTIGATOR*), Sponsored by University Grants Commissions – South Eastern Regional Office (UGC- SERO), during 14/06/2017 to 6/14/2019 [Completed].

## TRAINING PROGRAMME

- 2

- # SELECT level SELECT on "**Food Allergy Online Training**" Sponsored by , Organized by Food Standards Agency at United Kingdom (Online) during 09/04/2020 - 01/01/1900.
- # SELECT level on "**Food Allergy Online Training**" Sponsored by , Organized by Food Standards Agency at United Kingdom (Online) during 09/04/2020 - 09/04/2020.



**Signature of Staff**  
**(C.CYNTHIA)**