



## Ph.D GUIDESHIP DETAILS

| Ph.D & M.phil Guideship | Date       | University                 | No. of students registered |
|-------------------------|------------|----------------------------|----------------------------|
| No: 1894                | 25.05.2018 | Madurai Kamaraj University | 3<br>(Full time)           |

## PARTICIPATION IN FACULTY DEVELOPMENT & ORIENTATION PROGRAMS

- Attended online Two – Week Refresher Course in “ZOOLOGY” 28.11.2022 – 12.12.2022 organized by Ramanujan College, University of Delhi in collaboration with University of Science & Technology Meghalaya and Ministry of Education, Government of India.
- Attended the two week online refresher course in Life sciences from 1.09.2021 to 15.09.2021 organized by Ramanujan College, Delhi and Ministry of Education, Government of India.
- Attended Faculty training program on (DBT –STAR sponsored) computational Biology Online from May 6 to 11,2021.
- Attended Two weeks Faculty Development Programme (ONLINE) on Advanced concepts for developing MOOCS from 2.7.2020 to 17.07.2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi. Sponsored by MHRD (Ministry of Human resource development) , Pandit Madan Mohan Malaviya National Mission on teachers and teaching.
- Participated in the UGC-Sponsored orientation program held in Madurai Kamaraj University from 10.7.2019 to 30.07.2019.

## Administrative /Academic Position/s (held / currently holding):

| Positions held / currently holding             | Year - From (month/year) To month/year) |
|--|---|
| Service Learning Program – Project Associate   | From February 2018 to February 2022     |
| Science Instrumentation Centre Member          | August 2018 to till date                |
| NAAC college Committee Member (Criterion -III) | June 2019-2023                          |
| Academic advisor: PG Zoology                   | 2021 -2023 batch                        |
| President -UG Zoology Association              | 2023-2024                               |
| Doctoral committee member- Research Supervisor | 2018 to till date                       |

## **RESEARCH PUBLICATIONS OF DR.T.ANGELINE**

Papers in International Journals :**19**; Papers in National Journals : **6**

### **INTERNATIONAL JOURNALS**

1. K. Nithya, **T. Angeline**. Oxidative stress and genetic polymorphisms in the folate metabolic pathway and its association with type 2 diabetes mellitus. *Journal of Critical Reviews*. **2021**; 8(2): 339-350. doi:10.31838/jcr.08.02.38
2. Nithya K, **Angeline T**, Priscilla AS, and Asirvatham AJ. “Prevalence of glutamate carboxypeptidase II C1561T, reduced folate carrier 1 A80G, and methionine synthase A2756G gene polymorphisms in patients with type 2 diabetes mellitus among south indians”. *Asian Journal of Pharmaceutical and Clinical Research*, 12(12), 2019, pp. 170-5
3. Nithya K, Isabel W, **Angeline T**, Priscilla A.S., Asirvatham A.J. Association of MTHFR A1298C gene variant, DNA damage, and total antioxidant status with the risk of type 2 diabetes mellitus and its complications. *Asian Journal of Pharmaceutical and Clinical Research* 11 (6)e 2018 344-348.[ISSN 0974-2441] H-Index =23 ; Impact factor :0.5.
4. Nithya K , Isabel W ,**Angeline T**, A.S. Priscilla, H. Shakila ,A.J. Asirvatham.MTHFR C677T gene polymorphism in Type 2 diabetes mellitus patients with and without vascular complications: A case-control study *Meta Gene*, 14, 79-84, 2017 [ISSN: 2214-5400]. Scopus Indexed : H-Index =11 ; Impact factor :0.6.
5. Nithya K, Isabel W, **Angeline T**, Priscilla AS, Asirvatham AJ. Assessment of DNA strand breaks and total antioxidant status in patients with type 2 diabetes with and without complications: A case-control study. *Asian Journal of Pharmaceutical and Clinical Research* (2017) 10 (4) 430-434. ISSN 2455-3891 [**Impact factor :0.48**]
6. **T. Angeline**, Research Opportunities for Women Scientists in India. *International Journal of Science and Research* (2017), 6(1) 2194-2196. ISSN : 2319-7064
7. Nithya K, **Angeline, T**.Isabel, W.;Asirvatham, A. J., SOD1 Gene +35A/C (exon3/intron3) Polymorphism in Type 2 Diabetes Mellitus among South Indian Population. *Genetics Research International*,2016.
8. Neelaveni, R.;Vasanth, S.;Keerthana, R.;Sivakolunthu, S, **Angeline, T**.DNA cleavage activity of novel schiff base copper(II) complexes with sulfur containing-ligands: (2-(2-methylthio)phenylimino)methylphenol, N-benzylidene-2-methylthioaniline. *Asian Journal of Pharmaceutical and Clinical Research*, **Volume 9**,2016
9. **T.Angeline**, J. Christina Caroline,J. Jenifa Amal Rani, A. J. Asirvatham & W. Isabel. Analysis of DNA damage, plasma lipid peroxidation, and antioxidant status in type 2 diabetes mellitus patients among a south Indian population. *International Journal of Diabetes in Developing Countries* 35 (Suppl 3):S491–S495,**2015** [**Impact Factor :0.343**]

10. **T. Angeline**, Oxidative DNA damage and genetic variants in the DNA sequences coding for antioxidant enzymes in type 2 diabetes mellitus. *Diabetes research and clinical practice* 106(1) S27, 2014 [**Impact Factor :2.538**]
11. Lourdhu Mary, K. Nithya, W. Isabel, and **T. Angeline**. Prevalence of Catalase (-21 A/T) Gene Variant in South Indian (Tamil) Population. *BioMed Research International*. 2014 (2014)1-4 pages [**Impact Factor :1.579**]
12. **T. Angeline**, H. R. Krithiga, W. Isabel, A. J. Asirvatham, and A. Poornima. Endothelial Nitric Oxide Synthase Gene Polymorphism (G894T) and Diabetes Mellitus (Type II) among South Indians. *Oxidative Medicine and Cellular Longevity*. 2011;1-4 [**Impact Factor : 3.516**]
13. **T. Angeline**, W. Isabel and Gregory J Tsongalis Endothelial Nitric Oxide Gene Polymorphisms, Nitric Oxide Production And Coronary Artery Disease Risk In A South Indian Population. *Experimental and Molecular Pathology* 89, 205–208, 2010 (Elsevier Publications) [**Impact Factor :2.88**].
14. **T. Angeline** , Nirmala Jeyaraj and Gregory J. Tsongalis . MTHFR Gene polymorphisms, B-vitamins and hyperhomocystinemia in young and middle-aged acute myocardial infarction patients. *Experimental and Molecular Pathology* 82 227–233, 2007 (Elsevier Publications) [**Impact Factor : 2.88**]
15. **T. Angeline**, Rita Mary Aruna, K. Ramadevi, and Nirmala Jeyaraj. Homocysteine and Total Antioxidant Status in acute myocardial infarction patients among Tamil population. *Integrative Biosciences* 11:161-164, 2007 [**Impact Factor :0.440**]
16. **T. Angeline**, Heather A. Bentley, Arnold B. Hawk, Richard J. Manners, Harsha A. Monakshi, Nirmala Jeyaraj, Gregory J. Tsongalis. Prevalence of the Factor V G1691A and the Factor II/prothrombin G20210A gene polymorphisms among Tamilians. *Experimental and Molecular pathology* 79; 9-13, 2005 (Elsevier Publications) [**Impact Factor :2.88**]
17. **T. Angeline** and Nirmala Jeyaraj, Effect of MTHFR gene polymorphisms (C677T & A1298C) on homocysteine level in acute myocardial infarction patients among Tamilians, *Haematologica reports (supplement)*, 3(1) 37, 2005 [**Impact Factor :5.814**]
18. **T. Angeline**, Nirmala Jeyaraj, Selena Granito and Gregory J. Tsongalis. Prevalence of MTHFR gene polymorphisms (C677T & A1298C) among Tamilians *Experimental and Molecular pathology*, 17: 85-88, 2004 (Elsevier Publication. [**Impact Factor :2.88**]
19. **T. Angeline**, K. Ramadevi, Rita Mary Aruna, G. Mohan and Nirmala Jeyaraj. Alteration in Magnesium level in acute myocardial infarction. *Korean Journal of Biological sciences* 7:169-171, 2003 [**Impact Factor :0.350**]

## NATIONAL JOURNALS

20. Bhagyashree R and **Angeline T.** Luteolin as a Potential Inhibitor of NADPH
21. Oxidase - An In silico Analysis *Indian Journal of Natural Sciences*. Vol.12. Issue 68. 2021.
- 21.Nishevitha NS, **T. Angeline** and Nirmala Jeyaraj. Prevalence of endothelial nitric oxide synthase (eNOS) Glu289->Asp polymorphism (G894T) among South Indian population. *Indian Journal of Medical Research* 129 : 68-71, **2009 [Impact Factor -1.863]**
- 22.**T.Angeline**, G.Thiruvartselvi, W.Isabel, Rita Mary Aruna , Rama Devi , Nirmala Jeyaraj. MTHFR (Ala 222 val) polymorphism and AMI in patients with Type II diabetes mellitus : a case control study. *Indian Journal of Clinical Biochemistry* 24 (2) 137-141,**2009 (Scopus Indexed)**
23. **T.Angeline**, Rita Mary Aruna, K. Ramadevi, G.Mohan and Nirmala Jeyaraj. Homocysteine status and acute myocardial infarction among Tamilians. *Indian Journal of clinical Biochemistry* 20(1)18-20,**2005. (Scopus Indexed)**
24. Nirmala Jeyaraj, **T.Angeline**, A. Lourdu Mary, K. Ramadevi, and Rita Mary Aruna, Selenium status in acute myocardial infarction patients among Tamilnadu populations. *Journal of current sciences*,5(1):145-148,**2004.**
25. **T.Angeline**, Rita Mary Aruna, K. Ramadevi, G.Mohan and Nirmala Jeyaraj. Serum lipoprotein (a) and lipid profile in young South Indian patients with myocardial infarction. *Indian Journal of Clinical Biochemistry*, 18 (1) 103-106, **2003. (Scopus Indexed)**

## GENBANK-NCBI PUBLICATIONS

| S.No. | Accession number | Title   | Authors  | Date         |
|-------|------------------|---|--|--------------|
| 1     | MW535004.1       | <i>Channa striata</i> isolate <b>S1</b><br>Cytochrome C oxidase subunit 1<br>(Cox1 gene) partial<br>cds;mitochondrial     | <b>T.Angeline</b> &<br>Joseph Antony<br>Reneese P  | 2-FEB- 2021  |
| 2     | MW535005.1       | <i>Channa striata</i> isolate <b>S2</b><br>Cytochrome C oxidase subunit 1<br>(Cox1 gene) partial<br>cds;mitochondrial     | <b>T.Angeline</b> &<br>Joseph Antony<br>Reneese P  | 2-FEB- 2021  |
| 3     | MW535006.1       | <i>Channa striata</i> isolate <b>S3</b><br>Cytochrome C oxidase subunit 1<br>(Cox1 gene) partial<br>cds;mitochondrial     | <b>T.Angeline</b> &<br>Joseph Antony<br>Reneese P  | 2- FEB- 2021 |
| 4     | GQ497895         | Effect of 4a/4b eNOS genotype on<br>nitric oxide levels   | Krithiga HR,<br><b>Angeline T</b> and<br>Isabel.W. | 5-OCT-2009   |
| 5     | DQ207727         | PCR analysis of the MTHFR<br>(C677T) gene   | <b>Angeline,T.</b> and<br>Nirmala,J.               | 29-OCT-2005  |
| 6     | DQ086837         | Effect of MTHFR gene<br>polymorphism on homocysteine<br>levels in acute myocardial<br>infarction patients among Tamilians | <b>Angeline,T.</b> and<br>Nirmala,J.               | 11-JUL-2005  |

## **PUBLICATIONS WITH ISBN**

| <b>Title of the Proceedings</b>  | <b>Book chapter</b>  | <b>Name of the workshop/Conference</b>  | <b>Organized by</b>  | <b>ISBN /ISSN</b> | <b>Year of publication</b> |
|--|--|---|--|-------------------|----------------------------|
| Fatima college<br>Multidisciplinary journal of research<br>Proceedings | A study on the pharmacokinetic properties and antibacterial effect of sinensetin against opportunistic pathogens causing cholangitis. Page 112 | International conference on precision nutrition and health: foresight future of disease prediction and prevention | Fatima college   | 0975-6973         | December,2022              |
| Fatima college<br>Multidisciplinary journal of research<br>Proceedings | Cytotoxic and apoptotic activities of a tetrahydroxy flavone on triple negative breast cancer cell lines. Page 108.                            | International conference on precision nutrition and health: foresight future of disease prediction and prevention | Fatima college   | 0975-6973         | December,2022              |
| Fatima college<br>Multidisciplinary journal of research<br>Proceedings | Nutrigenomics and MTHFR: role in disease prevention. Page 113  | International conference on precision nutrition and health: foresight future of disease prediction and prevention | Fatima college   | 0975-6973         | December,2022              |
| A laboratory Manual on Molecular Techniques in Life Sciences           | Quantification of DNA by UV-Visible Spectroscopy   | Practical Workshop –I on Molecular Techniques in Life Sciences.   | American College Central Instrumentation Centre, The American College. | 978-93-80368-40-5 | <b>2021</b> (April 20,21)  |
| A laboratory Manual on Molecular Techniques in Life Sciences           | Agarose gel electrophoresis of DNA   | Practical Workshop –I on Molecular Techniques in Life Sciences.   | American College Central Instrumentation Centre, The American College. | 978-93-80368-40-5 | <b>2021</b> (April 20,21)  |

### **Workshops/Conferences organized and contributed as organizing secretary/convener**

- Hands on training cum workshop on basic tools and techniques in drug discovery research organized by the PG Department of Zoology, The American college, Madurai on 20&21 April 2023.
- Workshop on DNA amplification techniques organized by the PG Department of Zoology, The American college, Madurai on 07.05.2022

- Hands on training cum workshop on DNA amplification by polymerase chain reaction for life science students at The American college on 1.11.2021
- Practical Workshop –I on Molecular Techniques in Life Sciences on 20 & 21 April 2021 by American College Central Instrumentation Centre, The American College.
- Hands –on training on Gene amplification by Polymerase Chain Reaction in association with Eppendorf India Private Limited at the American College on 12 March 2020.
- State Level Hands on Training cum Workshop on FUNDAMENTALS OF BIOINFORMATICS at The American college, 05 March 2020.
- Hands on training cum workshop on fundamentals of Bioinformatics for Life science students at The American college, 04 April 2019.

### **PRESENTATIONS IN SEMINAR/CONFERENCES**

- Luteolin as a potential inhibitor of NADPH Oxidase - An insilico analysis” in the International Conference on Advances in Biosciences and Biotechnology (ICABB-2021) organized by the Department of Biotechnology, Mother Teresa Women’s University, Kodaikanal on August 12-13, **2021**.
- Single nucleotide polymorphism (C242T) in Exon 4 of NADPH oxidase gene and type II diabetes risk in a random sample of South Indian (Tamil Nadu) population. International Conference on Obesity, Diabetes and Cardiology-Trends in Genomics and Proteomics in Biosciences. at Madurai Kamaraj University, 25-26,February,**2020**.
- MTHFR C677T Gene polymorphism in type 2 Diabetes patients with and without complications: A case-control study. 42nd Annual Meeting of the Indian Society of Human Genetics & International Symposium on Trends in Human Genetic Research & Management. Indian Institute of Science, Bangalore,p216. March 2-4,**2017**.
- Alterations in serum zinc status, immunosenescence and their association with diabetes mellitus. International conference on “New horizons, emerging challenges and recent paradigms in food mediated immunity and their role in human health and longevity, organized by PG & Research Dept. of Zoology,The American College, Madurai August 31st and September 1st ,**2016**.
- Oxidative DNA damage and genetic variants in the DNA sequences coding for antioxidant enzymes in type 2 diabetes mellitus, **International diabetes Federation (IDF) WPR Congress,Singapore**, November 21-24, **2014**
- Assessment of DNA damage through various molecular and cytogenetic detection, methods, National seminar on **Emerging trends in biological research**, Madurai December 11<sup>th</sup> and 12<sup>th</sup>,**2013**.

- Endothelial synthase gene EXON 7 polymorphism in patients with diabetes mellitus among South Indians”, **International Conference on “Recent trends in Life Sciences”** organized by PG nitric oxide and Research Department of Zoology, Holy Cross College, Tiruchirapalli Proceedings, 17<sup>th</sup> & 18<sup>th</sup> February **2011**
- Discrimination of single nucleotide polymorphisms by using gold nanoparticle – DNA conjugates” CSIR sponsored **National Seminar on “Frontiers in Nanotechnology”**, PG and Research Department of Zoology, Lady Doak College, Madurai, Proceedings. 17<sup>th</sup> and 18<sup>th</sup> Sep**2009**.
- Total antioxidant activity in plasma of cancer patients. 33<sup>rd</sup> **National conference of association of clinical biochemists of India**.ACBICON. Nov 23-26<sup>th</sup> **2006. Pune.**
- Study of homocysteine, cobalamin, folate and riboflavin in acute myocardial infarction patients among Tamilians. 33<sup>rd</sup> **National conference of association of clinical biochemists of India**. ACBICON. Nov **2006. Pune.**
- Association between plasma homocysteine and folate concentrations with acute myocardial infarction, “Aqua Terr” Science Day Symposium, Madurai Kamaraj University, **Madurai** on 28<sup>th</sup> March **2005**.
- Effect of MTHFR gene polymorphisms (C677T & A1298C) on homocysteine level in acute myocardial infarction patients among Tamilians. “Homocysteine metabolism, 5<sup>th</sup> International Conference” held at Milano, **Italy** on June **2005**.
- ‘Study of Homocysteine and Magnesium in Myocardial Infarction’. 9<sup>th</sup> Asian Pacific Congress of Clinical Biochemistry, held at **New Delhi** from 9<sup>th</sup> to 14<sup>th</sup> March **2002**.
- ‘Study of Magnesium in Myocardial Infarction’. 9<sup>th</sup> Asian Pacific Congress of Clinical Biochemistry, held at **New Delhi** from 9<sup>th</sup> to 14<sup>th</sup> March **2002**.

#### **CONTRIBUTION IN ORGANIZING SEMINARS/ CONFERENCES/ WORKSHOPS**

- International conference on **Recent advances in animal sciences** -2023, 1 February, 2023.
- National conference on **Recent trends in Biological Sciences** organized by PG and Research Dept of Zoology, The American College, Madurai on 3rd February, 2020.
- National conference on **Emerging trends in Entomology**(ETIE-2019)’ organized by PG and Research Dept of Zoology, The American College, Madurai on 7&8th March 2019.
- Science academies’ lecture workshop on “**Introduction to Modern Biology**”, organized by PG & Research Dept. of Zoology, 19-21, January 2017.

- International conference on “**New horizons, emerging challenges and recent paradigms in food mediated immunity and their role in human health and longevity**”, organized by PG & Research Dept. of Zoology, The American College, Madurai August 31st and September 1st, 2016.
- Hands-on training in ‘**Techniques in Molecular Biology**’ -2015 held at Lady Doak College, Madurai (2<sup>nd</sup> to 4<sup>th</sup> December, 2015).
- National seminar on ‘**Emerging Trends in Biological Research**’(UGC Sponsored) held at Lady Doak College, Madurai (16<sup>th</sup> and 17<sup>th</sup> ,September,2014)
- Hands-on training in “**Laboratory techniques for Biology teachers**” in schools in and around Madurai. Lady Doak College,(Sponsored by TNSCST & DBT) (Jan. 11<sup>th</sup> to 13<sup>th</sup> 2010)
- National Seminar on “**Frontiers in Nanotechnology**”,(CSIR sponsored) PG and Research Department of Zoology, Lady Doak College, Madurai (17<sup>th</sup> and 18<sup>th</sup> Sep. 2009)
- State level workshop on “**Recent Techniques in Modern Biology**”. held in Lady Doak College. Madurai. (3<sup>rd</sup> to 8<sup>th</sup> June 2002)

### **PARTICIPATION IN WORKSHOPS AND TRAINING PROGRAMMES**

- One day Workshop on **Art & Science of Methodical Scientific Writing & Publishing** in a High Impact Journal.orgnized by IQAC, The American College on 6 March 2023.
- **Curriculum development** Workshop held in the PG and Research Dept of Zoology, The American College, Madurai on 21st June 2019.
- Participated in ‘**Hands on training in Cytogenetic techniques**’ conducted by Centre for genetic health care, SRL Diagnostics,Bandra, **Mumbai** from 28.04.2015 to 1.05.2015.
- Participated in “**Workshop on Animal Handling**”, conducted by Department of Zoology and Biotechnology, Lady Doak College, **Madurai**, on 19.10.2010.
- Participated in National level workshop on ‘**Techniques in Animal cell culture**’ organized by Department of Biotechnology, Lady Doak College, **Madurai** from 22.02.2010 to 26.02.2010
- Participated in “**Training course in Recombinant DNA techniques**”, conducted by School of Biotechnology, Madurai Kamaraj University, **Madurai**, from 17.06.2002 to 25.06.2002
- Participated in ‘**Workshop on Schrodinger**’, organized by DBT-BIF, Department of Biotechnology, Lady Doak College, **Madurai**, on 30.07.2010.
- Participated on State Level Workshop on ‘**Good Laboratory Practices**’ conducted by Department of Zoology, Lady Doak College, **Madurai**, on 14.10.2011.

### **Participation in Webinars**

- “Plant molecular changes in space” organized by the Department of Botany on 16.05.2020. By G.T.N. Arts College, Dindigul, Tamil Nadu
- “Insights on infectious and rare diseases” organized by Department of Zoology on 15.05.2020 by G.T.N. Arts College, Dindigul, Tamil Nadu
- International webinar on Fine tunings –Botany in space on 30.05.2020 by PG & Research Department of Botany, Sri Narayana college, Trissur, Kerala .
- ‘Role of Material Science in Biotechnology’ by Department of Biotechnology, Prathyusha Engineering College, Chennai, on 23.05.2020.
- Immune boosting diet for COVID-19, Department of Food Science, The American College, 21.05.2020.
- International Webinar on Biodiversity, by Department of Zoology, The American College on 22.05.2020.
- Webinar organized by Ladies club of The American College on 27.05.2020.
- International Webinar on recent trends in life sciences by GTN Arts college, Dindigul, 2.7.2020
- Insights into emerging diseases –Diagnosis and Therapeutics, Department of Zoology, Lady Doak College, 18.05.2020 to 1.06.2020
- Electroanalytical Techniques, Organized by The American College, Central instrumentation center on 24.6.2020.
- National webinar on Methods in accessing Research, Innovation and extension in NAAC accreditation, organized by The American College on 28.08.2020.

### **PARTICIPATION IN CONFERENCES**

- International conference on Recent advances in animal science on February 1, 2023 organized by PG and Research Dept. of Zoology, The American College, Madurai
- International conference on precision nutrition and health: foresight future of disease prediction and prevention, Organized by Fatima College on 20 December, 2022
- One day seminar on Biomedical applications of fundamental research and future potential on 14.10.2022, Organized by Aravind medical research foundation, Madurai

- National conference on recent trends in Biological Sciences organized by PG and Research Dept of Zoology, The American College, Madurai on 3rd February, 2020.
- International Conference on Obesity, Diabetes and Cardiology-Trends in Genomics and Proteomics in Biosciences held at Madurai Kamaraj University, 25-26, February, 2020.
- National conference on Emerging trends in Entomology(ETIE-2019)' organized by PG and Research Dept of Zoology, The American College, Madurai on 7&8th March 2019.
- 'National conference on Coral reef: Threats and Conservation (CRTC-2019)' organized by PG and Research Dept of Zoology, The American College, Madurai on 12th February 2019.
- National conference on Western Ghats: Threats and Conservation (WGTC-2018)' organized by PG and Research Dept of Zoology, The American College, Madurai in association with Save Western Ghats Movement (SWGMM) on 17th Oct 2018.
- 'National Conference Impacts of Pollution on Health and Restoration of Quality Environment Through Biotechnology Applications (EBAC-2018)' organized by PG and Research Dept of Zoology and Dept of Immunology & Microbiology, The American College, Madurai during 2 & 3 Feb 2018.
- National seminar on Frontiers in Nanotechnology Sept 17<sup>th</sup> & 18<sup>th</sup>, 2009, Department of Zoology, Lady Doak College, Madurai.
- "Homocysteine metabolism, 5<sup>th</sup> International Conference" held at Milano, Italy on June 2005.
- Aqua Terr" Science Day Symposium, Madurai Kamaraj University, Madurai on March 2005.
- National level workshop on "Techniques in animal cell culture", February 22<sup>nd</sup> to 26<sup>th</sup>, 2010, Department of Biotechnology, Madurai.
- National seminar on Frontiers in Nanotechnology Sept 17<sup>th</sup> & 18<sup>th</sup>, 2009, Department of Zoology, Lady Doak College, Madurai.
- National seminar on Cardiovascular genomics" 29<sup>th</sup> March, 2004 Conducted by Center for Advanced studies in functional genomics, School of Biological Sciences, Madurai Kamaraj University, Madurai.
- Training course in recombinant DNA techniques for postgraduates and faculty of Medical Biochemistry from 7<sup>th</sup> to 25<sup>th</sup> June, 2002, School of Biotechnology, Madurai Kamaraj University.
- State Level Workshop on Techniques in Modern Biology from 3<sup>th</sup>-8<sup>th</sup> June, 2002, Lady Doak College, Madurai.
- Completed training conducted by Intel®Teach to the Future Program from July 2002 – September 2002. Lady Doak College, Madurai.
- 9<sup>th</sup> Asian Pacific Congress of Clinical Biochemistry, held at New Delhi from 9<sup>th</sup> to 14<sup>th</sup> March 2002.

- Participated in Continuing Medical Education programme (CME) on Current trends in the diagnosis and management of diseases on 19.10.2002 Government Rajaji Hospital, Madurai.
- State level Seminar on Biology in the New Millennium from 5<sup>th</sup> –7<sup>th</sup> January, 2000, Lady Doak College, Madurai.
- National Level Seminar on Environmental Ethics and Sustainability from 21<sup>th</sup> –23<sup>th</sup> February 2001, Lady Doak College, Madurai.
- Symposium on Vectors and Vector Borne diseases, held on 29<sup>th</sup> & 30<sup>th</sup> January, 1999 at the American College, Madurai.

**Research Awards / Fellowships:**

| <b>Name of the fellowship/<br/>Designation/<br/>award</b>         | <b>Funding agency &amp; File no.</b>  | <b>Duration</b>                              | <b>Amount<br/>Sanctioned<br/>Rs.</b>            |
|---|---|--|---|
| <b>STUDENT<br/>PROJECT<br/>SCHEME</b>                             | TNSCST, Chennai   | <b>2019-2020</b>                             | <b>7,500/-</b>                                  |
| <b>Young scientist<br/>FTYS<br/>(Start up research<br/>grant)</b> | Science and Engineering<br>Research Board SERB<br>New Delhi<br>SR/FT/LS-77-2011                       | <b>2012-2015</b>                             | <b>25,80,000/-</b>                              |
| <b>Research associate</b>   | Council for scientific and Industrial<br>Research CSIR,<br>New Delhi<br>8/490(03)2009-EMR-I           | <b>2010-2011<br/>2009-2010</b>               | <b>3,24,200/-<br/>2,40,850/-</b>                |
| <b>Senior research<br/>fellow<br/>(EXTENDED-SRF)</b>              | Council for scientific and<br>Industrial Research<br>CSIR,<br>New Delhi<br>8/490(0006)/<br>2008-EMR-I | <b>2008-2009</b>                             | <b>2,27,600/-</b>                               |
| <b>Senior research<br/>fellow<br/>(SRF)</b>                       | Council for scientific and<br>Industrial Research<br>CSIR,<br>New Delhi<br>8/490(3)/2005-EMR-I        | <b>2007-2008<br/>2006-2007<br/>2005-2006</b> | <b>2,37,350/-<br/>1,44,200/-<br/>1,44,200/-</b> |

## **MEMBERSHIP IN PROFESSIONAL BODIES**

- Association of Clinical Biochemists in India [Life membership no.2476/LM/JOUR]
- Indian Society of Human Genetics [Life membership no.L/1690/2013]
- Tamil Nadu Science Forum [Life member]

## **INTERNATIONAL ACADEMIC VISITS**

- **Milano, Italy** [Paper presented on ‘Homocysteine Metabolism: 5th International conference’, held from 26.6.2005 to 30.6.2005]
  
- **Singapore** [ Presented a paper on 10<sup>th</sup> International Diabetes Federation –Western Pacific Region IDF-WPR Congress, held from 21.11.2014 to 24.11.2014].