

Resume – Abirami Dhandapani

1. Contact Details:

Name: Dr.Abirami Dhandapani

Mobile: 9677919533

Email: sunabiphd@gmail.com

Address : 2/23 Boyer street, Perur (via), Mathampatti, Coimbatore, Tamilnadu, India

2. Educational Credentials:

Degree	Institution	Year	Class
B.Sc. (Zoology)	Sri G.V.GVisalaksh College for women, India	2000-2003	1 st Class
M.Sc. (Life Sciences)	AvinashilingamUniveristy, Coimbatore, India	2003-2005	1 st Class With Distinction
PhD (Zoology)	Bharathiar university, Coimbatore, India	2008-2011	Highly commented
B.Ed (Biological Science and English)	AvinashilingamUniveristy, Coimbatore, India	2005-2006	1 st Class
M.Sc. (Bioinformatics)	Bharathiar University, coimbatore. India	2009-2011	1 st Class
PGDCA	E-Learn Computer tech, (ISO 9001:2000 Certified Institution) Kalampalayam, Coimbatore.	2008	' A ' grade

3. Achievements and Awards:

- Proud recipient of Junior Research Fellowship in council for scientific and Industrial research, India from 2010-2012.
- Proud recipient of Best Zoology Professor Award for the year 2021 by Education Icon Awards on October 16, 2021.

4. Research experience

Ph.D. Project Title: Studies on the larvicidal, pupicidal, ovicidal, ovipositional deterreny, repellent activities of *Cassia occidentalis* on malarial vector (*Anopheles stephensi*) and anti plasmodial activity on malarial parasite (*Plasmodium falciparum*)

Description

- The work utilizes the Bioinformatics concepts like modeling of mosquito and parasite proteins and Docking using GLIDE software. The work gives the idea of how bioinformatics can be used in the development of eco-friendly pesticides and drugs.

M.Sc. Project:

“**Hematological Response of the Fish *Oreocromismossambicus* To Sewage Pollution**” under supervision of E. Shanthi, Associate Professor, Department of Life Sciences, Avinashilingam University, Coimbatore, India

Project Work:

Completed part of the research work “Integration of Novel Bacterial Insecticide (Spinosad) and Botanicals for the Control of Mosquito Vectors at the Endemic area of Tamil Nadu, India” in Council for scientific and Industrial Research (CSIR) New Delhi under the guidance of Dr.Kadarkarai Murugan.

5. Projects Guided for B.Sc Students

- Docking Potential of *Solanum xanthocarpum* against malarial parasite *Plasmodium falciparum*.
- Biosynthesis of silver nanoparticles using *Bougainvillea glabra* for the control of Mealy Bug *Paracoccus marginatus*.
- Targets and candidate agents for diabetes treatment with computational bioinformatics approach
- Biochemical composition of edible *Portunus Sanguinolentus* and Insilico molecular docking of chitin with Covid-19 main protease (MPRO).
- Biochemical composition of edible *Portunus Sanguinolentus* and Insilico molecular docking of chitin with estrogen and progesterone receptors as anticancer agent for breast cancer.
- Biology and evolution of *Plecianearctica*
- Homology modeling and molecular docking studies of selected compounds Myrsitic, Palmitic acids on cytochrome oxidase subunit 1 protein.

6. Publications

1. Larvicidal and smoke toxicity effect of *Tridax procumbens* against malarial vector, *Anopheles stephensi* (Diptera: Culicidae) Asian Jr. of Microbial Biotech.Env.Sc.Vol.11,No.(2):2009:293-297.Global Science Publications.
S. Kamalakannan, K. Murugan, P. Thiyagarajan, A. Nareshkumar and **D.Abirami**.
2. *Pedilanthus tithymaloides* (Euphorbiaceae) Leaf Extract Phytochemicals: Toxicity to the Filariasis Vector *Culex quinquefasciatus* (Diptera: Culicidae) Vector-Borne and Zoonotic Disease, Vol. 10, No. (00): 2010. Siva Kamalakannan, Pari Madhiyazhagan, **Abirami Dhandapani**, Kadarkarai Murugan and Donald Barnard.

3. HPTLC Quantification of flavonoids, larvicidal and smoke repellent activities of *Cassia occidentalis* (caesalpiaceae) against malarial vectore *Anopheles stephensi* Lis (Diptera: Culicidae). *Journal of Phytology* 2011, 3(2): 60-72.
Abirami Dhandapani* and Murugan Kadarkarai.
4. Sustainable mosquito managment and water purification using botanicals Res. Environ. Life Sci. 4(2) 69-74 (2011).
Abirami Dhandapani*, Murugan Kadarkarai and Shobana Kumar.
5. Larvicidal, Pupicidal and Smoke toxicity effect of *Kaempheria galanga* to the malarial vector, *Anopheles stephensi*. The Bioscan 6(2):329-333, 2011.
Abirami Dhandapani*, Shobana Kumar and Murugan Kadarkarai.
6. Synergistic Activity of *Andrographis paniculata* Nees with *Bacilus thuringiensis* var *israelensis* Against Malarial Vector, *Anopheles stephensi* Liston (Diptera: Culicidae) *Entomol. Res. Soc.*, 13(3): 71-86, 2011. Kuppusamy Chenniappan, Vasugi chellamuthu, **Abirami Dhandapani** and Murugan Kadarkarai.
7. Isolation of *Bacillus sphaericus* screening Larvicidal, Fecundity and Longevity Effects on Malarial Vector, *Anopheles stephensi*. Scientific Research and Essay Vol.8 (11), PP-425-431, 2013. Naresh Kumar A., Murugan K., Shobana K., and **Abirami D.**
8. Quantification of Flavonoids, Oviposition Deterrence and Repellent Activities of *Cassia occidentalis* (Caesalpiaceae) against the Malarial Vector *Anopheles stephensi* Liston (Diptera: Culicidae). A Journal of Science and Technology, ISSN: 2349 - 5456. 2015.
Abirami Dhandapani.
9. Green-synthesized silver nanoparticles using *Psychotriani* giriensis: toxicity against the dengue vector *Aedes aegypti* (Diptera: Culicidae) and impact on the predatory efficiency of the non-target organism *Poecilia phenops* (Cyprinodontiformes :poeciliidae). Journal of Asia- Pacific Entomology, Kalimuthu Kovendan, Balamurugan Chandramohan, Devakumar Dinesh, **Dhandapani Abirami**, Periasamy Vijayan, Marimuthu Govindarajan, Savariar Vincent, Giovanni Benelli. 19: 1001-1007, 2016.
10. Ovicidal and larvicidal properties of *Pergularia extensa* and *Spermacoce hispida* ethanol root extracts on *Anopheles stephensi* Liston. Southeast Asian J Trop Med Public Heath, Vol 48 pp1188-1199, 2017. Abirami Dhandapani, Kalimuth Kovendan and Balamurugan Chandramohan.
11. Antimicrobial and larvicidal activities of different solvent extract of *Dieffenbachia picta* Schott. Journal of Emerging Technologies and Innovative Research (ISSN-2349-5162) PP-83-86. Gomathi R and **Abirami Dhandapani**
12. Homology modeling and Docking of phytochemical Compounds to identify Mosquitocidal compounds targeting the midgut protein of *Anopheles stephensi* Journal of Emerging Technologies and Innovative Research (ISSN-2349-5162) PP-188-194. **Abirami Dhandapani** and Gomathi R

13. Larvicidal, Ovicidal ,Deterrent and ovicidal activities of *Cassia occidentalis* L. and spinosad against *Culex quinquefasciatus*. Journal of the maharaja sayajirao university of baroda (ISSN:0025-0422). Vol:55 No 1(VI), 2021. **Abirami Dhandapani** and Gomathi R
14. Phytochemical Analysis of Plant Extracts of *Monstera daniellii* Schott. And *Dieffenbachia picta* Schott. Journal of the maharaja sayajirao university of baroda (ISSN:0025-0422). Vol:55 No 1(VI), 2021. **Abirami Dhandapani** and Gomathi R

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

Implications of climate change on mosquito borne diseases and its impact on public health, Ed.

Dr. B. Reddy Naik, Excel India Publishers, New Delhi, **ISBN number 93-80043-93-7**

15. **Abirami D.**, Murugan K., Vasugi C., Shobana K. and Prasanakumar, “Effect of temperature on the development time and survival of malarial vector *Anopheles stephensi* (Diptera: Culicidae)”

Proteomics applications: perspectives in healthcare, Eds. Jannet Vennila J., Sneha Nirmala John, Goldyn Abric Sam S. M. India Publishers, New Delhi, **ISBN number 93-80043-73-2**

16. Shobana K., Vasugi C. and **Abirami D.**, Application of Proteomics in Pesticide target Protein Identification in *Tribolium castaneum*, (*In silico* identification using metabolic pathways).

17. **Abirami D.**, Shobana K. and Ramya M, Docking Analysis of The Toxin Of *Clostridium Botulinum* With Zinc Dependant Metallo Peptidase Inhibitors

National seminar on Trends in Environmental Resource Management on 7th & 8th August, 2014 at Nirmala College, Coimbatore, India. ISBN: 978-93-5174-565-5.

18. **Abirami Dhandapani** and Murugan Kadarkarai. *Phyllanthus emblica* L. (Euphorbiaceae) fruit extract phytochemicals: toxicity to the malarial vector *Anopheles stephensi* (Diptera: Culicidae).

Emerging trends in frontiers of chemistry, Sri GVG Visalakshi College for Women, Udumalpet. Eds. Malarvizhi M et al., subham national publications, Madurai. ISBN 978-81-910024-3-4.

19. **Abirami Dhandapani** and Murugan Kadarkarai HPTLC quatification of flavonoids and ovicidal activity of **Cassia occidentalis** against the malarial vector *Anopheles stephensi*

National level seminar on Eco-Waste management and Nanobiology, Sri GVG Visalakshi College for Women, Udumalpet. Bonfring Publications, ISBN 978-93- 86176-36-3.

20. **D. Abirami**, N. Vijayalakshmi and R. Gomathi. Impact of silver Nanoparticles in malarial Vector Control-A Review.

21. N.Vijayalakshmi, **D.Abirami** and R.Gomathi Review on Organic Farming- A Tool for Eco Waste Management.

22. R.Gomathi, N.Vijayalakshmi and **D.Abirami**. Mushroom Cultivation for soil waste management.

7. National and International Conference

Papers presented in 2nd conference of Medical Arthropodology, during 15-16 December 2008, organized by ICMR, Madurai.

1. **Abirami D.**, Murugan K., Nareshkumar A., Kovendan K and Prasanna kumar K. Larvicidal, Pupicidal and Smoke Toxicity Effect of *Kaempferia galanga* to the malarial vector, *Anopheles stephensi* (Insecta:Diptera:Culicidae).

Papers present in International Congress of Global Warming on Biodiversity of Insects: Management and Conservation organized by Department of Zoology, Bharathiar University, Coimbatore-641 046, India, during 9th to 12th, February, 2009.

2. K.Kovendan, K.Murugan, P.Thiyagarajan, A.Nareshkumar and **D.Abirami** Impact of Climate change on the Filarial Vector, *Culex quinquefasciatus*.
3. **D.Abirami.**, A. Nareshkumar and K. Murugan., Effect of *Kaempferia galangal* on the Larvicidal, Pupicidal and Repellent Potential on Dengue Vector, *Aedes aegypti* (Insecta: Diptera: Culicidae).
4. Aarthi N., Murugan K., Thiagarajan., Natraj T and **AbiramiD.** Larvicidal and Mosquito Repellent Activities of Pine oil (*Pinuslongifolia*, Family: Pinaceae)
5. Arunkumar V., Murugan K., Nareshkumar A., **Abirami D** and Hemalatha *Moringa oleifera* showing water purification and Mosquitocidal activity against Chikunguniya Vector, *Aedes aegypti*.
6. Hemalath D., Murugan K., **Abirami D.**, Nareshkumar A and V.Arunkumar. Effect of Global Warming on the Infection pattern Entomopathogenic Fungi on Mealy Bug, at different Agroclimatic Zone of Tamil Nadu, India.
7. Prasannakumar K., Murugan K., **Abirami D** and K. Kovendan. Biology and Host Plant Preference on Mealy Bug.
8. Salahudeen M., Murugan K., Nareshkumar A., **Abirami D** and V.Arunkumar. Effect of Neem on Control of Cotton Mealy Bug, *Ferrisiavirgata*.
9. Natraj T., Murugan K., Nareshkumar A., Arunkumar V., **Abirami D.**, Aarthi N. Effect of NPV on Biology of Cotton Pest, *Spodopteralitura*.
10. Mahesh kumar P., Murugan K., Nareshkumar A., **Abirami D** and AarthiN. Use of GIS for the Prediction of Mosquito Breeding and Botanical Management of Larvicidal and Pupicidal Population of Filarial vector, *Culex quinquefasciatus*.
11. Chakkaravarthi S., Saravanabhavan P., **Abirami D** and Aarthi N. Alterations in carbohydrate metabolism in selected tissues of prawn, *Macrobrachium melcomsoniion* under fenvalerate-induced stress.
12. Sathiskumar P., **Abirami D.**, Aarthi N and Saravana bhavan P.Effects of temperature on metabolism in fresh water ecosystem: implications of global climate change.

Papers presented in 3rd conference of Medical Arthropodology, during 18-19 December 2009, organized by ICMR, Madurai.

13. Abirami D., Shobana K., Vasuki C and Murugan K. Sustainable Mosquito Management and water purification using Botanicals in Siruvani River.
14. Vasuki C., Abirami D., shobana K and Murugan K. Use of *Bacillus sphericus* and *Mesocyclops leukartii* for the control of Dengue Vector, *Aedes aegypti*.
15. Shobana K., Vasugi C., **Abirami D.**, Murugan K and Mahesh kumar P., Identification of Potential Pesticide target of *Aedes aegypti* (yellow fever mosquito) using metabolic pathways.

Paper presented in National Conference on Recent trends in Bioscience-21st Millennium BIOS-2009 organized by Department of Zoology, Annamalai University, Annamalai Nagar 608002, on 6th and 7th March, 2009.

16. Abirami D and Murugan K. Temperature effect of the dynamics of malarial vector *Anopheles stephensi* (Diptera: Culicidae) and control using pine (*Pinus logifolia* :Family: Pinaceae) oil.

Papers presented in National Conference Climate change and Biodiversity on Insects: organized by Department of Zoology, Bharathiar University, Coimbatore-641 046, India, during 15th to 16th, March, 2010.

17. Abirami D., Murugan K and Shobana K. Effect of Temperature on the development time and survival of filarial vector *Culex quinquefasciatus*.
18. Prasanna kumar K., Murugan K., Naresh kumar A., Kovendan K and Abirami D. Use of *orthosiphon thymiflorus* for the mosquito vector management in the coastal regions of Tamil Nadu, India.
19. Prasannakumar K., Murugan K., Naresh kumar A., Kovendan K and Abirami D. Larvicidal and smoke toxicity effect of marine weed *gracilaria verrucosa* (Hudson) against the malarial vector *Anopheles stephensi* (Insecta: Diptera: Culicidae).
20. Thiagarajan P., Murugan K., C. Vasugi Impact of climate change on dengue vector *Aedes aegypti* and potential management.

Papers presented in National Conference on Interplay of Biological and Chemical Sciences Organized by Department of Zoology, Thiruvalluvar University, Vellore -04. Tamil nadu. During 6th -8 January 2010.

21. Abirami D and Murugan K. Mosquito control and water purification using botanicals in different aquatic ecosystem.

Papers presented in International Conference on Global Competitiveness in Biology, Chemistry and Environment: for better Tomorrow organized by Department of Biochemistry Rev. Jacob Memorial Christian College, Santhipuram, Ambalikkai- 624 612, India. During 3rd February, 2011

22. Abirami D and Murugan K. Evaluation of the Anti-Malarial Activity of *Cassia occidentalis*.

Papers presented in 2nd International Conference on Global Warming on Biodiversity of Insects: Management and Conservation organized by Department of Zoology, Bharathiar University, Coimbatore-641 046, India, During 24th to 26th, August, 2011.

23. Abirami D and Murugan K. Oviposition Deterrent, Ovicidal And Deleterious Delayed Mortality Effects Of A-Amyrin Acetate Against The Malarial Vector, *Anopheles Stephensi* (Diptera: Culicidae)

Paper Presented in One Day national level symposium Motif 09 On 17th September 2009 at Bharathiar University, Coimbatore

24. Shobana K., Murugan K., **Abirami D** and A. Nareshkumar, “*In silico* Docking of Active Compounds of *Chenopodium ambrosioides* Essential oil with Acetylcholin esterase of *S. Litura*.”

Paper presented in 3rd conference of Medical Arthropodology, during 18-19 December 2009, organized by ICMR, Madurai

25. Shobana K., Vasugi C., **Abirami D.**, Murugan K and Mahesh kumar P., Identification of Potential Pesticide target of *Aedes aegypti* (yellow fever mosquito) using metabolic pathways.

Papers presented in International Conference on Bioinformatics and Systems Biology, Annamalai University, Chidambaram during 16-17 February 2011

26. K. Shobana, **D. Abirami** and K. Murugan, *Insilico* Identification of Putative Drug Targets in *Bacillus anthracis* through Metabolic Pathway Analysis
27. K. Shobana, **D. Abirami** and K. Murugan, Screening of botanicals for the control of *Spodoptera Litura* using *Insilico* Docking studies.

Paper presented in National Seminar on Computational biology on 16th March 2011 at Avinashilingam Deemed University, Coimbatore, India.

28. **D. Abirami**, K. Shobana and K. Murugan, Docking Analysis of Phytol Acetate with Different Insecticide Target Protein of *Aedes Aegypti*.

Papers presented in National Conference on “Proteomics Applications: Perspectives in Healthcare during 28-29 January 2010 at Karunya University

29. **Abirami D.**, Shobana K. and Ramya M, Docking Analysis Of The Toxin Of *Clostridium Botulinum* With Zinc Dependant Metallo Peptidase Inhibitors
30. Shobana K., Vasugi C. and **Abirami D.**, Application of Proteomics in Pesticide target Protein Identification in *Tribolium castaneum*, (*In silico* identification using metabolic pathways).

Papers presented in National Conference on “ Proteomics Applications: Perspectives in Healthcare” during 28-29 January 2010 at Karunya University

31. **Abirami D.**, Shobana K. and Ramya M, Docking Analysis of The Toxin Of *Clostridium Botulinum* With Zinc Dependant Metallo Peptidase Inhibitors
32. Shobana K., Vasugi C. and **Abirami D.**, Application of Proteomics in Pesticide target Protein Identification in *Tribolium castaneum*, (*In silico* identification using metabolic pathways)

International Congress of Global Warming on Biodiversity of Insects: Management and Conservation (GW-BIMC) organized by Department of Zoology, Bharathiar University, Coimbatore-641 046, India, during 26-28 November, 2013.

33. K. Shobana, K. Murugan, **D. Abirami**, Naresh Kumar A. and Vasuki C., Evaluation of individual and combined effect of microbial insecticide Spinosad and *Chenopodium ambrosioides* essential oil on feeding deterrence against Spodopteralitura.
34. K. Shobana, K. Murugan, **D. Abirami**, Naresh Kumar A. Interaction of Active Compounds of *Chenopodium ambrosioides* Essential oil with Fat body amino peptidase of *S. litura*.
- 4th Indo Korean Conference on “ Integrative Bioscience Research Opportunities and Challenges” Organized by Faculty of science and Home science, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore, Tamil Nadu, India. During 10th -11 February, 2012.
35. K. Shobana, **D. Abirami** and K. Murugan Screening Of Botanicals From *Chenopodium ambrosioides* Essential Oil For The Control Of Spodoptera Litura Using Insilico Docking.

National Seminar on Emerging trends in infectious and non-infectious diseases Organised by Department of Genetic Engineering, Madurai Kamaraj University, Madurai on 15th Feb 2013.

36. S.Rajeswari, **D. Abirami**, L.Kanivalan, S.J. Geethasree, V. Shalini and F.Vianny. Molecular modeling and docking studies of *Leucosaspera* phytochemicals against midgut trypsin of *Anopheles stephensi*.
37. S.Rajeswari, **D. Abirami**, L.Kanivalan, S.J. Geetha sree, Molecular modeling and docking studies of zingiberaceae phytochemicals against midgut trypsin of *Anopheles stephensi*.

National conference on applications of computation in biotechnology Organized by Department of Biotechnology, Kamarajcollege of engineering and technology, Virudhunagar

38. S.Rajeswari, **D. Abirami**, L.Kanivalan, S.J. Geethasree, Molecular modeling and docking studies of *Cassia auriculata* phytochemicals against midgut trypsin of *Anopheles stephensi*.
39. S.Rajeswari, **D. Abirami**, L.Kanivalan, S.J. Geethasree, Molecular docking studies of Indian caesalpiniaceae phytochemicals on thromboxin A2 protein of *Anopheles stephensi*

One Day National Level Seminar on Global Trends in Environmental Chemistry Organized by Department of Chemistry Sri GVG Visalakshi College for Women Udumalpet on 01.10.2015

40. Abirami D and Vijiyalakshmi N. Larvicidal, pupicidal and repellency effect of momordicacharantialinn(family: cucurbitaceae) and *Bacillus thuringiensis* var. Isrealiansis against the dengue vector *Aedes aegypti*. International symposium on biosciences research for present and future Organized by Department of Bioscience, Vivekanandha College for arts and science for women Tiruchengode on 14th Dec 2015.
41. **Abirami D.** Identification of Larvicidal compounds In *Cassia Occidentalis* Targeting the midgut Protein of *Anopheles Stephensi* by the Help of Homology Modeling and Docking Studies.

National seminar on Trends in Environmental Resource Management organized by Department of Zoology on 7th & 8th August, 2014 at Nirmala College, Coimbatore, India.

42. **Abirami Dhandapani** and MuruganKadarkarai. *Phyllanthusemblica* L. (Euphorbiaceae) fruit extract phytochemicals: toxicity to the malarial vector *Anopheles stephensi* (Diptera: Culicidae).

Emerging trends in frontiers of chemistry, Sri GVG Visalakshi College for Women, Udumalpet on 30th Dec 2014.

43. **Abirami Dhandapani** and MuruganKadarkarai HPTLC quatification of flavonoids and ovicidal activity of *Cassia Occidentalis* against the malarial vector *Anopheles stephensi*

National level seminar on Eco-Waste management and Nanobiology, organized by Department of Zoology, Sri GVG Visalakshi College for Women, Udumalpet.

44. **D. Abirami**, N. Vijayalakshmi and R. Gomathi. Impact of silver Nanoparticles in malarial Vector Control-A Review.
45. N. Vijayalakshmi, **D. Abirami** and R. Gomathi Review on Organic Farming A Tool for Eco Waste Management.
46. R. Gomathi, N. Vijayalakshmi and **D. Abirami**. Mushroom Cultivation for soil waste management.

3 rd National conference on Frontiers in Ecobiological sciences and its Applications organized by Department of Zoology, Periyar University, Selam on 7th -9 th Feb 2018.

47. **Abirami Dhandapani** and S. Beula Agnes, Identification of mosquitocidal compounds in *Cassia occidentalis* and *Menthapiperita* targeting the midgut protein of *Anopheles stephensi* by the help of homology modeling and docking studies.
48. S. Beula Agnes and **D. Abirami**. Influence of biological factor in the reproductive behavior in fishes.

International Conference on Bioscience and Industrial Applications organized by Department of Biochemistry and Microbiology, Sri Ramakrishna College of arts and science for women, Coimbatore on 16th Feb 2018.

49. **D. Abirami** and S. Beula Agnes Larvicidal activity of *Cassia occidentalis* L. and Spinosad against mosquito vector *Culex quinquefasciatus*.
50. S. Beula Agnes and **D. Abirami** Isolation and Characterization of oil degrading microbes in soil by PCR.

Virtual International Conference on Advancements in Arts, Science and Humanities [VICAASH-2021] on 06-06-2021

51. Larvicidal, Ovicidal, Deterrent and ovicidal activities of *Cassia occidentalis* L. and spinosad against *Culex quinquefasciatus*. **D. Abirami** and R. Gomathi
52. Phytochemical Analysis of Plant Extracts of *Monstera adansonii* Schott. and *Dieffenbachia picta* Schott. R. Gomathi and **D. Abirami**.

8. Professional Experience:

1. Assistant Professor,

Department of Zoology, Sri G.V.G.Visalakshi College for women, Udumalpet, Tiruppur, India. Dec 2013- Till Date

Description

- Undertaking practical and theoretical classes to Under graduate students
- Successfully Guided projects for final year B.Sc students.
- Board of studies member from 2013-2022.
- Actively involved in social service work acted as a Programme officer in National Service scheme from 2017- 2021.

9. Orientation Programmes and Refresher courses attended

- UGC Sponsored 118th Orientation Programme conducted by UGC-Human Resource Development Centre, Bharathiar University from 17.11.2017 to 14.12.2017
- NSS Orientation Programme conducted by Avinashilingam University from 24.07.2019- 30.07.2019
- UGC Sponsored refresher course conducted by UGC-Human Resource Development Centre, Madurai Kamarajar University from 16.11.18 to 6.12.18.
- Two-week refresher course / faculty development programme on “Managing Online Classes & Co- creating MOOCS 4.0” conducted by Teaching Learning Centre, Ramanujan College, University of Delhi from 11 - 26 March, 2021.
- Two – Week Refresher Course in “ZOOLOGY” conducted by University of Delhi from 15 – 29 December, 2021

10. Resource persons /Judge

1. Dr. D. Abirami- Resource person for the Two days workshop on chemin formatics organized by the department of Botany, PSG College of Arts and Science, Coimbatore on Dec 13-14 - 2012.
2. Dr.D.Abirami – acted as an evaluator at the 24th national children’ s science congress held at KPR Institute of engineering and technology on 2016.
3. Dr.D.Abirami – acted as judge at the zonal level science exhibition held at Srinivasa Vidhyalaya Mat. Hr.Sec.School, Udumalpet on 08.09.2017.
4. Dr.D.Abirami – acted as an evaluator at the 28th national children’s science congress (District Level) through online on 1, July 2020.
5. Dr.D.Abirami – acted as an evaluator at the 28th national children’ s science congress held at Forest college and Research Institute, Tamil Nadu Agricultural University, Mettupalayam on 20,21,and 22 January 2021.

10. Member in seminars and conferences

- Recent trends in Remote Sensing and Nano therapeutics in disease management on 22.02.2018
- Recent trends in Microbiology and molecular biology on 20.02.2018- 21.02.2018
- Awareness program on Breast Cancer for the women and Girl students at kanniyur on 3 .2.2018
- Training on Handling of Laboratory equipments for staff members, Laboratory staff and students on 06.02.2018.
- Programme on Creation of Scientific Awareness For Farmers on 13.12.2017
- Hands on training on Techniques in Biotechnology on 26.09.2017
- National Seminar on Eco- Waste management and Nanobiology on 22.09.2016
- One day National level workshop on Conservation of biodiversity for sustainable future 05.03.16
- National level workshop on Antioxidants and human health 04.03.2014
