

CURRICULUM VITAE



Name : **Dr. S. ARIVOLI**

Date of birth : 25-03-1970

Gender : Male

Designation : Associate Professor
Department of Zoology
Thiruvalluvar University
Serkkadu, Vellore 632 115

Permanent address : "OLIYAGAM"
56/1, Vaaniyar Street
Pennagaram Post and Taluk
Pennagaram 636 810
Dharmapuri District, Tamilnadu

E-mail : rmsarivoli@gmail.com

Mobile number : 94441 73931 (Whatsapp)
8838825945

Educational qualifications

- **Ph.D. (Zoology)** from Loyola College, University of Madras, Chennai, during 1994-96, degree awarded in 1997
- **M.Phil. (Zoology)** from Loyola College, University of Madras, Chennai, during 1992-93, secured 73%
- **M.Sc. (Zoology)** from Loyola College, University of Madras, Chennai, during 1990-92, secured 73%
- **B.Sc. (Zoology)** from Islamiah College, (University of Madras) Vaniyambadi, during 1987-90, secured 58%
- **PGDMLT (P/T)** from Loyola College, Chennai, during 1992-93, secured 76% (First class with Distinction)

Awards and Honours

- II Rank in B.Sc.
- Award given for excellent performance in teaching by the **Commissioner, Corporation of Chennai**.
- Conferred **HONORARY FELLOWSHIP (F.S.E.Sc.)** for outstanding contribution in the field of Environmental Sciences
- Conferred **HONORARY FELLOWSHIP (F.S.A.Sc.)** for outstanding contribution in the field of Applied Sciences
- Conferred **HONORARY FELLOWSHIP (F.I.C.E.Z.S.)** for outstanding contribution in the field of Entomology and Zoology.
- Conferred **HONORARY FELLOWSHIP (F.S.S.A.R.S.C.)** for outstanding contribution in the field of Research and Social Change.
- Award given "Sigaram Thotta Asiriyar" for excellent performance in Teaching and Research in the field of Zoology on 10th September 2017 by the Puthiya Paarvai Trust, Thiruvannamalai.
- Award given for promoting Science and Green Environment, "**SCIENTIST 2019**" for commendable contribution to Entomology & Zoology in National Conference on "**Trends in Higher Education, Taxonomy, Agriculture, Biotechnology and Toxicology**" on 17th November 2019, held at Hotel Vijay Park, Chennai, organised by the Dr. B. Vasantharaj David Foundation, Chennai 600 125.
- Award given "**THE BEST RESEARCHER AWARD IN ZOOLOGY**" for commendable and outstanding performance in Teaching and Research given by **Hon'ble Former Chief Minister of Puducherry N. Rangaswamy, and Hon'ble Industrial Minister of Tamilnadu M.C Sampath** in "**International conference on Environmental, Agricultural, Chemical and Biological Sciences**" on 24 & 25th January 2020, held at Hotel Anantha Inn, Puducherry, organized by Pondicherry Institute of Agricultural Sciences (PIAS), Voice of Indian concern for the Environment (VOICE), Puducherry.
- Award given "**THE ACADEMIC ACHIEVER AWARD IN ZOOLOGY**" for commendable and outstanding performance in Teaching and Research given by **Prof. Dr. Sultan Ahmed Ismail, D.Sc. Vermitechnologist, Chennai** in One day National conference on "**Environmental Sustainability Health and Pollution Abatement (NCESHPA)**" on 02nd March 2020 organized by Department of Zoology, Muqyyath Sha Sirguro Wakf Board College, Madurai 20.
- Award given "**EXCELLENCE IN RESEARCH 2020**" for recognition of outstanding contribution in the field of Education on 19th September 2020 organized

by Sidra Bahuudeshiya Vikas Sanstha (Govt Registered Society and ISO 9001-2015 certified), Aurangabad, Maharashtra.

- Award given "**ACADEMIC EXCELLENCE AWARD 2020**" for recognition of valuable contribution to the academic community and the students on November 2020 organized by Institute of Scholars (InSc), No. 1338, II cross, 7th Block, Sir MV layout, Muddhinapalya, Bengaluru 560 091.
- Award given "**OUTSTANDING SCIENTIST AWARD 2021**" for recognition of outstanding contribution in the field of Education on 19th& 20th December 2020 organized by VD GOOD Professional Association, India
- Award given "**Regular Fellow 2021**" for recognition and Organization of Seminars and Symposia" contributions in academic and research of outstanding contribution in the field of Science on 04.09.2021 organized by Scholar Academic and Scientific Society.
- Award given "**FSASS 2021**" for recognition of tremendous contributions in academic and research of outstanding contribution in the field of Science on 23.09.2021 organized by Scholar Academic and Scientific Society.
- Award given "**Best Achiever Award**" for excellent performance in Teaching and Research in the field of Zoology on 21.01.2023 by the BIRDS, Puthiya Paarvai Trust, Thiruvannamalai.

Teaching/ Academic experience

- Three years experience as Demonstrator for Post Graduate Diploma in Medical Laboratory Technology (**PGDMLT**) Course, Loyola College, Chennai
- Five months teaching experience for Higher Secondary Students. Corporation Higher Secondary School, Alwarpet, Chennai
- Served as **Member, Board of Studies**, Department of Zoology, Loyola College, from 2004 to 2008
- Serving as **Member, Editorial Board**, Scientific Society of Advanced Research and Social Change (SSARSC) since 2013
- Serving as **Editor in Chief**, International Journal of Mosquito Research since 2013
- Serving as **Associate Editor**, Journal of Entomology and Zoology studies since 2013
- Serving as **Associate Editor**, International Journal of Fauna and biological studies since 2014
- Serving as **Member, Editorial and Advisory Board**, Journal of Basic Sciences since 2014
- Serving as **Member, Board of Studies**, Department of Zoology, Thiruvalluvar

University, Vellore since 2014

- Serving as **Member, Foreign Language Laboratories in University constitution of committee**, Thiruvalluvar University, Vellore since 2014
- Serving as **Editorial Board Member**, Journal of International Journal of Multidisciplinary Research and Modern Education (IJMRME) since 2015
- Serving as **Associate Editor**, International Journal of Applied Research since 2015
- Serving as **Editorial Board Member**, International Journal of Zoology Studies since 2015
- Serving as **Editorial Board Member**, International Journal of Entomology Research since 2015
- Served as **Member, College Academic Audit and for selecting the Best Department** on 14th March 2017, at Bishop Heber College, Thiruchirapalli, 620 017.
- Served as **Member, Board of Studies**, Department of Zoology, Kanchi Mamunivar Centre for PG Studies, meeting held on 18.01.2017, Puducherry. (2017)
- Acted as **Member**, in **peer review committee** of the Proceedings of "National Symposium on "Plastic pollution" edited by Dr. V. Sailaja.
- Acted as **Chairperson** in "National Symposium on "Plastic pollution"
- Served as **Member, Board of Studies**, Department of Zoology, Government Arts College for Men (Autonomous), Nandanam, Chennai, 600 035.
- Serving as **Member, Board of Studies**, Department of Zoology, C. Abdul Hakeem College (Autonomous), Melvisharam, 632 509 since 2019
- Serving as **Member, Board of Studies**, Department of Botany, Shrimathi Devkunvar Nandalal Bhatt (SDNB) Vaishnav College for Women (Autonomous), Chromepet, Chennai, 600 044, since 2019
- Served as **Selection Committee Member (External Expert) for Selection of Assistant Professor in Zoology**, on 18th November 2019, at Bishop Heber College, Thiruchirappalli, 620 017.
- Serving as **Member, Board of Studies**, Department of Zoology, D.K.M. College for Women, Vellore, since 2020.
- Served as **Member and Subject Expert (External), Academic Audit for the Post Graduate Department of Zoology** on 30th March 2021, at Voorhees College, Vellore, 632 001.
- Serving as **Subject expert, Board of Studies**, Department of Advanced Zoology and Biotechnology, Loyola College (Autonomous), Chennai, 600 034, since 2021
- Served as **Member of Inspection Commission for Grant of Continuation to II BSc Zoology** on 28th April 2021, at Islamiah College, Vaniyambadi, 635 752.
- Served as **Member of Inspection Commission for Grant of Fresh Affiliation to start first year degree (BSc Zoology)** on 04th February 2022, at Chezhan Arts and Science College for Women, Thenpallipattu, Kalasapakkam,

Thiruvannamalai, 606 751.

- Serving as **Academic Council Member**, nominated by His Excellency The Governor of Tamilnadu, Thiruvalluvar University, Vellore 632 115, since 2022.
- Serving as **Subject Expert and Member, Board of Studies**, Department of Advanced Zoology and Biotechnology, Loyola College (Autonomous), Chennai 600 034, Since 2022.
- Serving as **Subject Expert and Member, Board of Studies**, Department of Zoology, Sacred Heart College (Autonomous), Tirupattur. 635 601, Since 2023.
- Serving as **Subject Expert and Member, Board of Studies**, Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai. 627 002, Since 2023.
- Serving as **Subject Expert and Member, Board of Studies**, Department of Zoology, Muthurangam Government Arts College (Autonomous), Vellore 632 002, Since 2023.

Question Paper Setter

1. Meenakshi College for Women (Autonomous), Chennai 600 024
2. University of Madras, Chennai 600 005
3. Annamalai University, Chidambaram
4. Hajee Karutha Rowther Howdia College (Autonomous), Uthamapalayam
5. Kanchi Mamunivar Centre for Postgraduate Studies, Puducherry
6. DKM College for Women, Sainathapuram Vellore
7. C. Abdul Hakeem College (Autonomous), Melvisharam, 632 509
8. Yadhava College, Madurai

Practical External Examiner

1. Aringar Anna Government College for Women, Walajahpet
2. Aringar Anna Government College, C. Mutlur, Chidambaram
3. Aringar Anna Government Arts College, Cheyyar
4. Auxillium College, Vellore
5. Smt N.P. Savithriamma Govt. College for Women, Chittoor
6. Kanchi Mamunivar Centre for Postgraduate Studies, Puducherry
7. Voorhees College, Vellore.
9. C. Abdul Hakeem College (Autonomous), Melvisharam, 632 509

Faculty improvement / Training undertaken

- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations in affiliated colleges- 5th November 2014 - 11th November 2014 (7 days).

- Served as an **University Representative** for central valuation at Periyar Government Arts College, Cuddalore, 12th November 2014 to 20th December 2014 **(39 days)**.
- Served as an **University Representative** for central valuation at Periyar Government Arts College, Cuddalore, 24th April 2015 to 24th May 2015 **(30 days)**.
- Served as **Chief Superintendent** to conduct University Examinations (Nov/Dec 2015) at Tirupattur Arts and Science College (324), Tirupattur, 4th November 2015 to 5th January 2016 **(62 days)**.
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations in affiliated colleges (C1 & C2) - 22nd April 2016 to 6th May 2016 **(15 days)**.
- Served as an **External Additional Chief Superintendent** to conduct University Instant Examinations (August 2015) at Thiru Kolanjiappar Government Arts College (Grade I), Vriddhachalam on 16th August 2015 **(1 day)**.
- Served as an **External Additional Chief Superintendent** to conduct University Examinations (Nov/Dec 2016) at Holy Cross Arts and Science College for Women (352), Tirupattur, and 4th November 2016 to 21st November 2016 **(18 days)**.
- Served as an **University Representative** for central valuation at Arignar Anna Government Arts College (201), Cheyyar, 2nd December 2016 to 17th December 2016 **(16 days)**.
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations (instant) in affiliated colleges (C3 & C4)- 17th April 2017 - 03rd May 17 **(17 days)**.
- Served as an **Inspection Squad Member** for Thiruvalluvar University conducted semester examination (instant) in affiliated colleges (Cuddalore, Cheyyar, Villupuram and Vellore) on 29th July 2017 **(01 day)**.
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations (Nov - Dec 2017) in affiliated colleges- 20th November 2017 - 06th December 17 **(18 days)**.
- Served as an **University Representative** for central valuation at Islamiah

College (Autonomous), Vaniyambadi, 19th December 2017 to 4th January 2018 (17 days).

- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations (April -May 2018) in affiliated colleges- 23rd April 2018 - 08th May 2018 (16 days).
- Served as an **University Representative** for central valuation at Islamiah College (Autonomous), Vaniyambadi, 11th June 2018 to 1st July 2018 (21 days).
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations (Nov -Dec 2018) in affiliated colleges- 3rd December - 17th December 2018 (15 days).
- Served as an **University Representative** for central valuation at Islamiah College (Autonomous), Vaniyambadi, 4th January 2019 to 25th January 2019 (22 days).
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations (Nov -Dec 2018) in affiliated colleges- 22nd April 2019 - 7th May 2019 (16 days)
- Served as an **University Representative** for central valuation at Periyar Government Arts College, Cuddalore, 25th November 2019 to 20th December 2019 (26 days)
- Served as an **Observer** and University Representative -BHU (Computer Based Test) for the conduct of online Entrance Test by Banaras Hindu University, Varanasi at *Ambalal Hitech Tower, Ambalal Green Field, Vellore* from 24th August 2020 to 31st August 2020 (8 days).
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations (Nov -Dec 2022) in affiliated colleges- 08th December 2022 to 28th December 2022. (21 days).
- Served as an **University Representative** for Common Entrance Test for Admission into PhD Program held at Sacred Heart College (Autonomous), Tirupattur. 635 601, on 7th January 2023.
- Served as an **University Representative** for central valuation at Arignar Anna

Government Arts College, Villupuram, 23rd January 2023 to 2nd March 2023
(36 days).

- Served as an **University Representative** for Common Entrance Test for Admission into Ph.D Program held at Sacred Heart College (Autonomous), Tirupattur. 635 601, on 22.07.2023.
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations in affiliated colleges (C1) - 29th May 2023 to 14th June 2023 (17 days).
- Served as an **Inspection Squad Member** for Thiruvalluvar University and conducted semester examinations in affiliated colleges (C2) - 15th June 2023 to 30th June 2023 (15 days).
- Served as Scrutiny and Proof Reading and Approval of the Question papers, (Semester examination held on November 2023) for University of Madras, Chennai 600 005 on 02.11.2023.

- Faculty Empowerment Programme - 6 days (5th Jan to 10th Jan 2015)
- Orientation course - 28 days (10th May to 6th June 2017)
At UGC-HRDC, University of Madras, Chennai.
- Refresher course 1 -21 days (12th Nov 2018 to 2nd Dec 2018)
At UGC-HRDC, SV University, Tirupathi.
- Refresher course 2 -14 days (18th Oct 2021 to 30th Oct 2021)
At UGC-HRDC, SV University, Tirupathi.
- Refresher course 3 -14 days (10th Oct 2022 to 23rd Oct 2022)
At UGC-HRDC, SV University, Tirupathi.
- Faculty Development Programme - 5 days (29th July to 2nd August 2019)
- Virtual Faculty Development Programme - 6 days (28th March to 2nd April 2022), Organized by V.O.Chidambaram College, Thoothukudi 628 008.

Served as Guest Faculty in

1. D.K.M. College for Women, Vellore (01 year)
2. Annai Deivanai Ammal College for Women, Villupuram (01 year)
3. University of Madras, Chennai (03 years)

4. Loyola Institute of Vocational Education, Chennai (10 years)

Acted as external examiner

Ph.D - 06

M. Phil - 22

Life membership

- Loyola Aquatic insects Biodiversity Society (LABS), Chennai
- Society of Environmental Sciences, Dumka
- Society of Applied Sciences, Agra
- International Society of Zoological Sciences
- Scientific society of Advanced Research and Social Change (SSARSC)
- International Congress of Entomology and Zoology Studies, Delhi
- National Academy of Vector Borne Diseases, Bhubaneswar
- International Society for Environmental Information Sciences, Canada
- Honorary membership in Centre for Environment and Agricultural Development (CEAD), Puducherry.
- Scholars Academic and Scientific Society (International Society for Academic and Scientific Society) (SAS/FSASS/320).
- International Organisation for Academic and Scientific Development (IQASD) (FIOASD-10/R/2021).

List of Scholars obtained Fellowship

1. **Mrs. S. Divya** (2016 -17/ RGNF/SC/TAM -25963 dt.21.01.2016.) (Tenure 5 years) awarded UGC- Rajiv Gandhi National Fellowship funded by University Grants Commission, New Delhi.
2. **Mrs. K. Chitra** (No DST/ WOS-B/ 2017/ 543-aas(G) dt.28.08.2018.) (Tenure 3 years) awarded DST -Women Scientist Scheme (WOS-B) funded by Department of Science and Technology, New Delhi.

Resource person

Department of Zoology & Medical Laboratory Technology Loyola College, Chennai 600 034	:	Regional workshop for Teachers " Recent trends in techniques of medical laboratory technology and biotechnology " (19.12.2005 to 30.12.2005)
Department of Microbiology SRM Dental College, SRM University Ramapuram, Chennai 600 089	:	Refresher course for Teachers in Microbiology " Recent trends in clinical microbiology, microbial techniques and drug designing " (27.02.2007 to 19.03.2007)
Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, 625 533, Theni, Tamilnadu, India.	:	International conference on " Recent trends in Biological Sciences " (25.01.2016)
Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.	:	International symposium on " Conservation of Aquatic and Terrestrial biodiversity " (27.09.2016 to 30.09.2016)
PG Department of Biochemistry, King Nandhivarmani College of Arts and Science, Thellar 604 406, Vandavasi, Tamilnadu, India	:	National level seminar on " Recent trends in biochemistry and Biochemical Technology " (21.02.2017)
Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, 625 533, Theni, Tamilnadu, India.	:	National Symposium on " Biodiversity Perspectives " (20. 09. 2018)
Department of Zoology, St. Xavier College, Palayankottai Tamilnadu, India.	:	International conference on " Vectors : Menace and Management " (28.01.20220 & 29.01.2020)
Department of Zoology, Muqyyath Sha Sirguro Wakf Board College, Madurai 20	:	One day National conference on " Environmental Sustainability Health and Pollution Abatement (NCESHPA) " (02.03.2020)

Department of Zoology, Botany and Microbiology Pachamuthu College of Arts and Science for women,		One day State level conference on "Biological Sciences" (06.03.2023)
Enviro Club Auxilium College Vellore		Special Lecture on Mosquito Vector-Borne Human Diseases (31.07.2023)

Research experience

Twenty nine years of research experience in the field of *Control of pests and vectors by using bioagents and biopesticides*

- **Research Fellow - DST** (2009 to 2012) : Worked on the topic of **Pilot study on water bugs as bio-agents in controlling vector mosquitoes for environmental safety** at Loyola College, Chennai
- **Young Scientist- DST** (2006 to 2009) : Worked on the topic of **Isolation of active compounds for the control of mosquito vectors** at Loyola College, Chennai
- **Research Associate- CSIR** (2003 to 2006) : Worked on the topic of **Eco-friendly approach in control of pests and vectors** at Loyola College, Chennai
- **Research Associate - UGC** (1999 to 2003) : Worked in the field of **Invertebrate immunology** at University of Madras, Chennai
- **Post doctoral programme** (1997 to 1999) - DoEn : Worked as a Post Doctoral Fellow in the field of **Biopesticides** at Entomology Research Institute, Loyola College, Chennai
- **Doctoral programme** (1994 to 1997) : "Studies on interaction between ecological and behavioural aspects of the Indian gerrid *Tenagogonus fluviorum* (Fabricius)"
- **Pre doctoral programme** (1992 to 1993) : "Predatory strategies of the water stick insect *Ranatra filiformis* Fabr. as an adaptation to food variation"
- **Diploma programme** : "A Pilot study on Haemogram of human population"

(1992-1993P/T)

surveyed in Kundrathur colony, Chennai"

- Post graduation (1992) : "Food intake and energy expenditure pattern in *Diplonychus indicus* Venk & Rao"

Research supervision

University		Completed	Ongoing
Ph.D. (Vinayaka Missions University, Salem 8)	:	-	-
M.Phil (Periyar University, Salem 11)	:	2	0
Ph.D. (Thiruvalluvar University, Vellore 115)	:	4 awarded 1 submitted	4
M.Phil. (Thiruvalluvar University, Vellore 115)	:	22	0
M.Sc. (Thiruvalluvar University, Vellore 115)	:	31	4

Doctoral committee member

1. Sree Balaji Dental College & Hospital, Chennai 600 100
2. Thiruvalluvar University, Vellore 632 115
3. Arignar Anna Government Arts College, Cheyyar
4. Auxilium College, Vellore 632 006
5. Karpaga Vinayaga Engineering College, Madurantakam
6. DKM College for Women, Vellore
7. Kanchi Mamunivar Centre for Postgraduate Studies, Puducherry
8. Voorhees College, Vellore
9. C. Abdul Hakeem College (Autonomous), Melvisharam, 632 509

Served as judge for oratorical/ Science exhibition competition

Golden jubilee celebrations and environmental awareness programme at Zoological Survey of India, Chennai 600 028.

District level Inter School Science competition "Science Fair 2018" held on 31.01.2018, at Grace Matriculation Higher Secondary School, Ranipet, 632 401

Served as judge for poster presentation

National seminar on "New perspectives in Biotechnology for Human welfare" held on 1st March 2015 at Department of Biotechnology, Islamiah College, Vaniyambadi, Tamilnadu, India

International conference on "Recent trends in Biological Sciences" held on 25th January 2016 at Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, Theni, Tamilnadu, India.

National level seminar on "Recent trends in biochemistry and Biochemical Technology" held on 21st February 2017 at PG Department of Biochemistry, King Nandhivarman College of Arts and Science, Thellar 604 406, Vandavasi, Tamilnadu, India.

Served as e Evaluator

Acted as evaluator in "Thiruvalluvar University inter collegiate cultural retreat 2020" held on 10th January 2020 at Thiruvalluvar University, Vellore organized by Centre for Outreach, Thiruvalluvar University, Vellore 632 115.

Acted as evaluator in "Thirukural maanaadu" held on 14th - 16th January 2020 at Thiruvalluvar University, Vellore organized by Centre for Outreach, Thiruvalluvar University, Vellore 632 115.

Served as Chairperson (chaired a session)

Participated in "International symposium on Conservation of Aquatic and Terrestrial biodiversity" held on 27-30th September 2016 at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.

Extra-curricular activities

- Served as co-ordinator for organising seminars
- Organized medical camps in and around Chennai
- Served as Resource Person in Workshop

Book publication

- Contribute one Chapter (Sterilization) in "***Essential of medical laboratory technology***" (1995) by **S.Arivoli** Edited by

Dr. P. Venkatesan, Loyola College, Chennai, BICOVAS, Loyola Publications, Chennai.

- Contribute two Chapters (Semen analysis & Serology) by **S. Arivoli & S. Sandhya** in "**Recent trends in techniques of medical laboratory technology and biotechnology**" (2005) Edited by Dr. P. Venkatesan, Loyola College, Chennai, Loyola Publications, Chennai.
- Contribute one chapter (Urolithiasis (Kidney stone) - An Overview) by S. Divya & **S. Arivoli** in "**Economics of Rural Health, Water and Sanitation**" (2018) Edited by Dr. C. Dhandapani, Professor of Economics, Thiruvalluvar University, Vellore. Serials Publications Pvt. Limited. New Delhi. 109 115.
- Contribute one chapter (Classification of aquatic insects up to order level) by **Dr.S. Arivoli** and Dr. P. Venkatesan, In "**Water bugs in India**" - A sequel - Volume 1 (2023) Edited and Published by : Prof. Dr. P. Venkatesan, Chwennai, 09-45.

Reviewer - International Journals

- Asian Pacific Journal of Tropical Medicine
- Parasitology Research
- Saudi Journal of Biological Sciences
- Jordan Journal of Biological Sciences
- Journal of Entomological and Acarological Research
- Pakistan Journal of Zoology, Lahore
- Applied Biochemistry and Biotechnology

Worked under projects

Mac Arthur Foundation, U.S.A	:	Insecticidal plants used by the tribals of Tamilnadu
Ministry of Environment and Forest, New Delhi	:	Botanical pesticides used by tribals

University Grants Commission, New Delhi	:	Studies on the immunological roles of β -1,3 glucan binding protein in the haemolymph of the marine mussel <i>Perna viridis</i>
University Grants Commission (Centre for the excellence in Herbal Science-University of Madras), New Delhi	:	Cytoprotective role of curcumin against selenium induced reactive oxygen species mediated cataract induced by selenium in wistor rats
Council of Scientific and Industrial Research, New Delhi	:	Botanicals - an eco-friendly approach in pest and vector control (5.77 Lakhs)
Ministry of Science and Technology, New Delhi	:	Evaluation of potential botanicals and isolation of active compounds for the control of mosquito vectors (11.88 Lakhs)
Department of Science and Technology, SEED Division, New Delhi	:	Pilot study on water bugs as bio-agents in controlling vector mosquitoes for environmental safety

List of Publications in Journals

1. Venkatesan, P. and **Arivoli, S.** 1995. Food intake and energy expenditure pattern in *Diplonychus indicus* Venk. & Rao., *Journal of Applied Zoological Research*, 6 (1): 38 - 40.
2. Elumalai, K., **Arivoli, S.** and Sankaralingam, A. 1995. Predatory tactics of egg bearing water bug *Diplonychus indicus* Venk. & Rao., *Journal of Applied Zoological Research*, 6(1): 13 -16.
3. Venkatesan, P., **Arivoli, S.** and Elumalai, K. 1995. Predatory strategy of the water stick insect *Ranatra filiformis* Fabr. as an adaptation, *Journal of Environment and Ecology*, 13 (2): 361-365.
4. **Arivoli, S.**, Venkatesan, P. and Nagarajan, J. 1995. Impact of prey on ovipositional frequency and hatching success of eggs in the water stick insect *Ranatra filiformis* Fabr., *Journal of Aquatic Biology*, 10 (1&2): 53-56.
5. Raja, N. and **Arivoli, S.** 1997. Effect of pesticides on total protein content of the predatory bug *Diplonychus indicus* Venk & Rao., *Pollution Research*, 16 (2): 89-92.
6. Sarala, M., **Arivoli, S.** and Raja, N. 1998. Effect of insecticide treated gunny bags against *Tribolium castaneum* (Herbst) infestation in stored grains, *Uttar Pradesh Journal of Zoology*, 18 (1): 59-63.
7. **Arivoli, S.**, Narendran, S.T and Ignacimuthu, S. 1999. Larvicidal activity of botanical pesticides against *Culex quinquefasciatus* Say., *Journal of Advanced Zoology*, 20(2): 19-23.
8. **Arivoli, S** and Venkatesan, P. 2004. Ovipositional behaviour, eggs deposition pattern and site preference of the water strider, *Tenagogonus fluviorum* (Fabricius), *Indian Journal of Environment and Ecoplanning*, 8(3): 677 -682.
9. **Arivoli, S** and Venkatesan, P. 2005. Mating behaviour of the water strider *Tenagogonus fluviorum* (Fabricius), *Indian Journal of Ecology*, 32(2): 121 - 123.
10. Chandramohan, G., **Arivoli, S** and Venkatesan, P. 2005. Effect of photoperiodicity on the predatory performance of the water bug *Diplonychus rusticus* (Fabricius), *The Ekologia* 3 (2): 99 -106.

11. Chandramohan, G., S. Arivoli and P. Venkatesan 2005. Impact of vegetation on predatory efficiency of *Diplonychus rusticus* (Fabricius), *Journal of Nature Conservation* 17(2) : 291 -298.
12. Arivoli, S., Chandramohan, G and Venkatesan, P. 2005. Influence of abiotic factors on seasonal fluctuation of population of water strider *Tenagogonus fluviorum* (Fabricius) in permanent pond, *Journal of Nature Conservation*, 17(2) : 363 -370.
13. Arivoli, S and Venkatesan, P. 2005. Taxonomical features and redescription of *Tenagogonus fluviorum* (Fabricius), *Journal of Entomological Research* 29 (3): 237-241.
14. Arivoli, S and Venkatesan, P. 2006. Functional response of *Tenagogonus fluviorum* (Fabricius) in its predation of *Culex quinquefasciatus* Say. larvae of varied density and size, *Journal of Biological Control*, 20 (1): 19 -24.
15. Chandramohan, G., Arivoli, S and Venkatesan, P. 2006. Coexistence of predatory water bugs influencing prey distribution, *Journal of Entomological Research*, 30 (3): 193 -197.
16. Chandramohan, G., Arivoli, S and Venkatesan, P. 2008. Effect of salinity on the predatory performance of *Diplonychus rusticus* (Fabricius), *Journal of Environmental Biology*, 29 (3):287- 290.
17. Navamani, A., Arivoli, S and Venkatesan, P. 2009. Predatory performance of *Diplonychus rusticus* (Fabricius) in relation to different periods of exposure, *Hexapoda*. 16(1): 47 - 49.
18. Chandramohan, G., Arivoli, S and Venkatesan, P. 2011. Effect of quality of water media on the predatory performance of *Diplonychus rusticus* (Fabr.) *Journal of Ecobiology*, 28(1): 9-15.
19. Arivoli, S. and Samuel Tennyson, 2011. Bioefficacy of *Citrullus colocynthis* (L.) Schrad (Cucurbitaceae) whole plant extracts against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae) *International Journal of Current Research*, 3(4): 296-304.
20. Arivoli, S. and Samuel Tennyson, 2011. Mosquitocidal activity of *Hyptis suaveolens* (L) Poit (Lamiaceae) extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae) *International Journal of Recent Scientific Research* 2(5): 143 -149.

21. **Arivoli, S.** and Samuel Tennyson, 2011. Larvicidal and adult emergence inhibition of *Abutilon indicum* (Linn.) (Malvaceae) leaf extracts against vector mosquitoes (Diptera: Culicidae). *Journal of Biopesticides*, 4(1): 27-35.
22. **Arivoli, S.**, Samuel Tennyson and Jesudossmartin, J. 2011. Larvicidal efficacy of *Vernonia cinerea* (L.) (Asteraceae) leaf extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *Journal of Biopesticides* 4(1): 37-42
23. **Arivoli, S.** and Samuel Tennyson 2011. Effects of *Leucas aspera* (Willd.) Spreng (Lamiaceae) leaf extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). *World Applied Sciences Journal*, 14(4): 565-568.
24. **Arivoli, S.**, Anjali N. Upadhyay and Venkatesan, P. 2011. Scanning electron microscopy on eggshell and eclosion process of *Tenagobius fluviorum* (Fabricius) (Hemiptera: Gerridae), *Advances in Biological Research*, 5(6): 309-314.
25. **Arivoli, S.** and Samuel Tennyson 2011. Larvicidal efficacy of *Cleistanthus collinus* (Roxb.) (Euphorbiaceae) leaf extracts against vector mosquitoes (Diptera: Culicidae), *Asian Pacific Journal of Tropical Biomedicine*, S275-S277.
26. **Arivoli, S.** and Samuel Tennyson. 2011. Studies on the mosquitocidal activity of *Murraya koenigii* (L.) Spreng (Rutaceae) leaf extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae), *Asian Journal of Experimental Biological Sciences*, 2(4): 721-730.
27. Samuel Tennyson, John Ravindran, K and **Arivoli, S.** 2011. Screening of plant extracts for ovicidal activity against *Culex quinquefasciatus* Say (Diptera: Culicidae). *Elixir Applied Botany*, 40 : 5456-5460.
28. **Arivoli, S.**, Anjali N. Upadhyay and Venkatesan, P. 2011. Relative growth and description of the nymphal instars of *Tenagobius fluviorum* (Fabricius) (Hemiptera: Gerridae). *Academic Journal of Entomology*, 4 (3): 72-80.
29. **Arivoli, S.**, Anjali N. Upadhyay and Venkatesan, P. 2011. Prey handling and diel patterns in feeding behaviour of *Tenagobius fluviorum* (Fabricius). *Indian Journal of Environment and Ecoplanning*, 18(2-3): 237-242.
30. Samuel Tennyson, **Arivoli, S.**, Jelin, V and Kapil, J. 2011. Larvicidal activity of plant oils against the Chikungunya vector *Aedes aegypti* (L.) (Diptera:

- Culicidae). *Indian Journal of Environment and Ecoplanning*, 18(2-3): 289-292.
31. Samuel Tennyson and **Arivoli, S.** 2011. Larvicidal, adult emergence inhibition and ovicidal activity of *Sphaeranthus indicus* Linn. (Asteraceae) whole plant extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). *Indian Journal of Environment and Ecoplanning*, 18(2-3): 293 -304.
 32. **Arivoli, S.** and Samuel Tennyson. 2012. Larvicidal efficacy of *Strychnos nuxvomica* Linn. (Loganiaceae) leaf extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *World Journal of Zoology*, 7(1): 06-11.
 33. **Arivoli, S.**, John Ravindran, K and Samuel Tennyson, 2012. Larvicidal efficacy of plant extracts against the malarial vector *Anopheles stephensi* Liston (Diptera: Culicidae), *World Journal of Medical Sciences*, 7 (2): 77-80.
 34. Raveen, R., Dhayanidhi, P., Dhinamala, K., **Arivoli, S.** and Samuel Tennyson, 2012. Larvicidal activity of *Pedilanthus tithymaloides* (L.) Poit (Euphorbiaceae) leaf against the dengue vector *Aedes aegypti* (L.) (Diptera: Culicidae), *International Journal of Environmental Biology*, 2(2): 36-40.
 35. **Arivoli, S.**, John Ravindran, K., Raveen, R and Samuel Tennyson, 2012. Larvicidal activity of botanicals against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *International Journal of Research in Zoology*, 2(1): 13 -17.
 36. **Arivoli, S.** and Samuel Tennyson, 2012. Antifeedant activity of plant extracts against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae), *American-Eurasian Journal of Agriculture & Environmental Science*, 12 (6): 764-768.
 37. Kalimuthu Kovendan, **Subramaniam Arivoli**, Rajan Maheshwaran, Kathirvelu Baskar and Savariar Vincent, 2012. Larvicidal efficacy of *Sphaeranthus indicus*, *Cleistanthus collinus* and *Murraya koenigii* leaf extracts against filarial vector, *Culex quinquefasciatus* Say (Diptera: Culicidae), *Parasitology Research*, 111: 1025 -1035.
 38. Samuel Tennyson, John Ravindran, K and **Arivoli, S.** 2012. Screening of twenty five plant extracts for larvicidal activity against *Culex quinquefasciatus* Say (Diptera: Culicidae), *Asian Pacific Journal of Tropical Biomedicine*, 2: S1130 - S1134.

39. Samuel Tennyson, John Ravindran, K and **Arivoli, S.** 2012. Bioefficacy of botanical insecticides against the dengue and chikungunya vector *Aedes aegypti* (L). (Diptera: Culicidae), *Asian Pacific Journal of Tropical Biomedicine*, S1842-S1844.
40. Samuel Tennyson, **Arivoli, S.**, Raveen, R., Bobby, M and Dhinamala, K. 2012. Larvicidal activity of *Areca catechu*, *Nicotiana tabacum* and *Piper betle* leaf extracts against the dengue vector *Aedes aegypti* (L.) (Diptera: Culicidae). *International Journal of Research in Biological Sciences*, 2(4): 157 -160.
41. **Arivoli, S** and Samuel Tennyson. 2013. Antifeedant activity, developmental indices and morphogenetic variations of plant extracts against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae), *Journal of Entomology and Zoology Studies*, 1 (4): 87-96.
42. **Arivoli, S** and Samuel Tennyson, 2013. Screening of plant extracts for oviposition activity against *Spodoptera litura* (Fab.). (Lepidoptera: Noctuidae), *International Journal of Fauna and Biological Studies*, 1 (1): 20-25.
43. **Arivoli. S,** and Samuel Tennyson, 2013. Ovicidal activity of plant extracts against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae), *Bulletin of Environment, Pharmacology and Life Sciences*, 2 (10): 123-128.
44. Murugesan Sakthivadivel, Palani Gunasekaran, Jeevanandham Therasa Annapoorani, David Arul Samraj, **Subramanian Arivoli** and Samuel Tennyson, 2014. Larvicidal activity of *Wrightia tinctoria* R. BR. (Apocynaceae) fruit and leaf extracts against the filarial vector *Culex quinquefasciatus* Say. (Diptera: Culicidae), *Asian Pacific Journal of Tropical Disease*, 4 (1) : S373-S377. 930-934.
45. Raveen, R., Kamakshi, K.T., Deepa, M., **Arivoli, S** and Samuel Tennyson, 2014. Larvicidal activity of *Nerium oleander* L. (Apocynaceae) flower extracts against *Culex quinquefasciatus* Say. (Diptera: Culicidae). *International Journal of Mosquito Research*, 1 (1): 36-40.
46. Murugesan Sakthivadivel, Palani Gunasekaran, Jothis Mathew, Arul Samraj, **Subramanian Arivoli**, Samuel Tennyson, 2014. Evaluation of larvicidal efficacy of *Cleome viscosa* L. (Capparaceae) aerial extracts against *Culex quinquefasciatus* Say (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease. Suppl* (2): S795 - S798.

47. Murugesan Sakthivadivel, Palani Gunasekaran, Murugesan Sivakumar, Arul Samraj, **Subramanian Arivoli** and Samuel Tennyson 2014. Evaluation of *Solanum trilobatum* L. (Solanaceae) aerial extracts for mosquito larvicidal activity against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *Journal of Entomology and Zoology Studies*, 2 (6): 101-106
48. Eugeni Anitha Preethi, G., Raveen, R., **Arivoli, S.**, Samuel Tennyson and Madhanagopal, R. 2014. Larvicidal efficacy of *Jasminum sp.* (Oleaceae) flower extracts against the Dengue and Chikungunya vector *Aedes aegypti* L. (Diptera: Culicidae), *Medicinal Chemistry*, 4(10): 672-675.
49. Kamakshi, K.T., Raveen, R., Samuel Tennyson, **Arivoli, S** and Daniel Reegan, A. 2015. Ovicidal and repellent activities of *Cereus hildmannianus* (K. Schum.) (Cactaceae) extracts against the dengue vector *Aedes aegypti* L. (Diptera: Culicidae), *International Journal of Mosquito Research*, 2 (1): 13-17.
50. **Arivoli, S.**, Raveen, R., Samuel Tennyson, Sakthivadivel, M. 2015. Adult emergence inhibition activity of *Cleistanthus collinus* (Roxb.) (Euphorbiaceae) leaf extracts against *Aedes aegypti* (L.), *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae), *International Journal of Mosquito Research*, 2 (1): 24-28
51. Murugesan Sakthivadivel, Palani Gunasekaran, Murugesan Sivakumar, **Subramanian Arivoli**, Rajasingh Raveen and Samuel Tennyson, 2015. Mosquito larvicidal activity of *Hyptis suaveolens* (L.) Poit (Lamiaceae) aerial extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *Journal of Medicinal Plants Studies*, 3(4): 1-5
52. Raveen, R., Samuel Tennyson, **Arivoli, S.**, Madhanagopal, R. 2015. Evaluation of mosquito larvicidal activity of *Jasminum species* (Oleaceae) crude extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *American Journal of Essential Oils and Natural Products*, 2(5): 24-28.
53. Annie, S.W., Raveen, R., Paulraj, M.G., Samuel Tennyson and **Arivoli, S.** 2015. Screening of *Eichhornia crassipes* (Mart.) Solms (Pontederiaceae) crude leaf extracts for larvicidal efficacy against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *International Journal of Mosquito Research*, 2(4): 43-48.
54. **Subramanian Arivoli**, Rajasingh Raveen and Samuel Tennyson, 2015. Larvicidal activity of *Citrullus colocynthis* (L.) Schrad (Cucurbitaceae) isolated fractions against *Aedes aegypti* (L.), *Anopheles stephensi* Liston and

- Culex quinquefasciatus* Say. (Diptera: Culicidae), *Indian Journal of Applied Research*, 5 (8): 97-101.
55. **Arivoli, S.**, Raveen, R., Samuel Tennyson, 2015. Larvicidal activity of *Murraya koenigii* (L.) Spreng (Rutaceae) hexane leaf extract isolated fractions against *Aedes aegypti* Linnaeus, *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae), *Journal of Mosquito Research* 5 (18). 1-8.
 56. Kamatchi, P.A.C., **Arivoli, S.** and Maheswaran, R. 2015. Biological control of mosquito larvae of *Culex quinquefasciatus* Say using freshwater fish *Carassius auratus* Linn and *Poecilia reticulata* Peters, *Research Reviews: Journal of Zoological Sciences*, 3 (1): 1-2.
 57. Maheswari, R., Divya, S., Sureshkumar, S., **Arivoli, S** and Senthilkumar, B. 2015. *Momordica charantia* L extract ameliorates ethanol induced Hepatic and Renal antioxidant enzyme in male Albino rat, *International Journal of Chemical and Pharmaceutical Review and Research*, 2 (2): 24-33.
 58. Marimuthu Govindarajan, Mohan Rajeswary, Hoti, S.L., Kadarkarai Murugan, Kalimuthu Kovendan, **Subramanian Arivoli** and Giovanni Benelli, 2016. *Clerodendrum chinense* mediated biofabrication of silver nanoparticles: Mosquitocidal potential and acute toxicity against non-target aquatic organisms. *Journal of Asia-Pacific Entomology*. 19 (1): 51-58.
 59. Parthasarathi Arunachalam Chettiar Kamatchi, **Subramanian Arivoli** and Rajan Maheswaran, 2016. Study of mosquito control using larvivorous fish *Danio rerio* Hamilton and *Oreochromis mossambicus* Peters, *Journal of Coastal Life Medicine*, 4(1): 8-9.
 60. Marimuthu Govindarajan, Mohan Rajeswary, **Subramanian Arivoli**, Samuel Tennyson and Giovanni Benelli, 2016. Larvicidal and repellent potential of *Zingiber nimmonii* (J. Graham) Dalzell (Zingiberaceae) essential oil: an eco-friendly tool against malaria, dengue, and lymphatic filariasis mosquito vectors, *Parasitology Research*, 115: 1807- 1816.
 61. **Subramanian Arivoli**, Samuel Tennyson, Rajasingh Raveen, Manickkam Jayakumar, Balasubramanian Senthilkumar, Marimuthu Govindarajan, Ranganathan Babujanarthanam and Selvaraj Vijayanand, 2016. Larvicidal activity of fractions of *Sphaeranthus indicus* Linnaeus (Asteraceae) ethyl acetate whole plant extract against *Aedes aegypti* Linnaeus 1762, *Anopheles stephensi* Liston 1901 and *Culex quinquefasciatus* Say 1823 (Diptera: Culicidae). *International Journal of Mosquito*

Research, 3(2): 18-30.

62. Annie, S.W., Raveen, R., Paulraj, M.G., Samuel Tennyson, **Arivoli, S.** 2016. Screening of *Hydrilla verticillata* (L. F.) Royle (Hydrocharitaceae) crude leaf extracts for larvicidal efficacy against the filarial vector *Culex quinquefasciatus* Say. (Diptera: Culicidae). *International Journal of Entomology Research*, 1 (3): 43-48.
63. Samuel Tennyson, **Subramanian Arivoli** and John William, 2016. Phytonanopesticides for vector control: A review, *Journal of Applied Zoological Research*, 27(1): 1-11.
64. Deepa, P., Raveen, R., Venkatesan, P., **Arivoli, S.** and Samuel Tennyson, 2016. Seasonal variations of physicochemical parameters of Korattur lake, Chennai, Tamilnadu, India, *International Journal of Chemical Studies*, 4(3): 116-123.
65. Murugesan Sakthivadivel, Thanikachalam Saravanan, Gyurme Tenzin, Manickkam Jayakumar, Rajasingh Raveen, **Subramanian Arivoli**, Samuel Tennyson, 2016. Laboratory evaluation of two Meliaceae species as larvicides against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *Vector Biology Journal*, 1 (2): 1- 10.
66. Murugesan Sakthivadivel, Palani Gunasekaran, Gyurme Tenzin, Thanikachalam Saravanan, Rajasingh Raveen, **Subramanian Arivoli**, John William and Samuel Tennyson, 2016. Laboratory evaluation of Asteraceae species *Tagetes erecta* Linnaeus and *Tridax procumbens* Linnaeus for their toxicity against the larvae of *Culex quinquefasciatus* Say 1823 (Diptera: Culicidae), *International Journal of Mosquito Research*, 3(3): 35-46.
67. Manickkam Jayakumar, **Subramanian Arivoli**, Rajasingh Raveen and Samuel Tennyson, 2016. Larvicidal and pupicidal efficacy of plant oils against *Culex quinquefasciatus* Say 1823 (Diptera: Culicidae). *Journal of Entomology and Zoology Studies*, 4(5): 449-456.
68. Maheswari, R., Divya, S., Suresh Kumar, S., Senthilkumar, B. and **Arivoli, S.** 2016. Ameliorative effect of *Momordica charantia* against Arsenic induced Hepatotoxicity in Albino Mice. *International Journal of Chemical and Pharmaceutical Review & Research*, 4 (1): 9-14.
69. Parthasarathi Arunachalam Chettiar Kamatchi, **Subramanian Arivoli**, Rajan Maheswaran, 2016. Evaluation of larvicidal efficacy of plant extracts of *Justicia adhatoda* Linn. *Murraya koenigii* (Linn.) Spreng and *Anisomeles*

- malabarica* (Linn) against dengue vector mosquito, *Aedes aegypti*, (Linn.) (Diptera: Culicidae). *Journal of Applied Zoological Research*, 27(2): 117-122.
70. Parthasarathi Arunachalam Chettiar Kamatchi, Rajan Maheswaran, **Subramanian Arivoli** and Savarimuthu Ignacimuthu, 2016. Evaluation of larval toxicity of *Lantana camara* L and *Catharanthus roseus* L against *Culex quinquefasciatus* Say and *Aedes aegypti* L, *Entomology, Ornithology and Herpetology*, 5 (1): 1-5.
71. Kalyana sundaram Dhinamala, Munuswamy Pushpalatha, Mohamed Meeran, **Subramanian Arivoli**, Samuel Tennyson and Rajasingh Raveen, 2017. Bioaccumulation of cadmium in gills and muscles of shellfish from Pulicat lake, Tamilnadu, India. *Journal of Coastal Life Medicine*, 5(2): 47- 50.
72. Rajasingh Raveen, Fauzia Ahmed, Muniyasamy Pandeewari, Daniel Reegan, Samuel Tennyson, **Subramanian Arivoli** and Manickkam Jayakumar, 2017. Laboratory evaluation of a few plant extracts for their ovicidal, larvicidal and pupicidal activity against medically important human dengue, chikungunya and Zika virus vector *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae). *International Journal of Mosquito Research*, 4 (4): 17-28.
73. Dhinamala, K., Shalini, R., Pushpalatha, M., **Arivoli, S.**, Samuel Tennyson, and Raveen, R. 2017. Bioaccumulation of nickel in gills and muscles of shellfish species from Pulicat Lake, Tamilnadu, India. *International Journal of Fisheries and Aquatic Research*, 2(4): 01- 05.
74. Dhinamala, K., Shalini, R., Deepa, P., Pushpalatha, M., **Arivoli, S.**, Samuel Tennyson and Raveen, R. 2017. Bioaccumulation of lead in gills and muscles of shellfish species from Pulicat Lake, Tamilnadu, India. *International Journal of Fisheries and Aquatic Studies*, 5(4): 463-469.
75. Dhinamala, K., Shalini, R., Deepa, P., Pushpalatha, M., **Arivoli, S.**, Samuel Tennyson and Raveen, R. 2017. Zinc accumulation in gills and muscles of shellfish species from Pulicat Lake, Tamilnadu, India. *International Journal of Zoology Studies*, 2 (5): 01-07.
76. Dhinamala, K., Shalini, R., Pushpalatha, M., **Arivoli, S.**, Samuel Tennyson, and Raveen, R. 2017. Chromium accumulation in gills and muscles of shellfish species from Pulicat lake, Tamilnadu, India, *International Journal of Zoology Studies*, 2 (5): 08-14.
77. Manickkam Jayakumar, **Subramanian Arivoli**, Rajasingh Raveen and Samuel Tennyson, 2017. Repellent activity and fumigant toxicity of a few

- plant oils against the adult rice weevil *Sitophilus oryzae* Linnaeus 1763 (Coleoptera: Curculionidae), *Journal of Entomology and Zoology Studies*, 5(2): 324-335.
78. Lokesh, K.V., Kanmani, S., Adline, J.D., Raveen, R., Samuel, T., **Arivoli, S.** and Jayakumar, M. 2017. Adulticidal activity of *Nicotiana tabacum* Linnaeus (Solanaceae) leaf extracts against the sweet potato weevil *Cylas formicarius* Fabricius 1798 (Coleoptera: Brentidae). *Journal of Entomology and Zoology Studies*, 5(5): 518-524.
 79. Dhinamala, K., Shalini, R., Pushpalatha, M., Arivoli, S., Samuel, T and Raveen, R. 2017. Temporal and spatial assessment of iron in the soft tissues of six species of shellfish from Pulicat Lake, Tamilnadu, India. *International Journal of Zoology Studies*, 2(5): 112-117.
 80. Dhinamala, K., Shalini, R., Pushpalatha, M., **Arivoli, S.**, Samuel, T and Raveen, R. 2017. Concentration of copper in gills and muscles of six species of shellfish from Pulicat Lake, Tamilnadu, India. *International Journal of Zoology Studies*, 2(5): 118-123.
 81. Miriam Cecilia Vassou, Surya Gnanasekaran, Mohideen Askar Nawas, Samuel Tennyson, Rajasingh Raveen and **Subramanian Arivoli**. 2017. Diversity of hemipterans in Sengunam pond, Perambalur, Tiruchirappalli, Tamilnadu, India. *International Journal of Entomology Research*, 2(5): 83-89.
 82. Dhinamala, K., Shalini, R., Pushpalatha, M., **Arivoli, S.**, Samuel, T and Raveen, R. 2017. Mercury accumulation in the gills and muscles of six species of shellfish from Pulicat Lake, Tamilnadu, India. *International Journal of Fisheries and Aquatic Studies*, 5(5): 451-456.
 83. Miriam Cecilia Vassou, Balamurugan, R., Mohideen Askar Nawas, Samuel Tennyson, Rajasingh Raveen and **Subramanian Arivoli**. 2017. Physicochemical analysis of water samples from three polluted sites of Tiruchirappalli, Tamilnadu, India. *International Journal of Zoology Studies*, 2(6): 135-137.
 84. Rajasingh Raveen, Muniyasamy Pandeewari, Fauzia Ahmed, Daniel Reegan, Samuel Tennyson, **Subramanian Arivoli** and Manickkam Jayakumar, 2017. Bioefficacy of *Nerium oleander* Linnaeus (Apocynaceae) floral extracts on the larva of three vector mosquitoes of medical importance, *International Journal of Mosquito Research*, 4(6): 65-77.

85. Miriam Cecilia Vassou, R. Balamurugan, Mohideen Askar Nawas, Samuel Tennyson, Rajasingh Raveen and **Subramanian Arivoli**. 2017. Physicochemical analysis of water samples from three polluted sites of Tiruchirappalli, Tamilnadu, India. *International Journal of Zoology Studies*, 2(6): 135-137.
86. **Arivoli, S.**, Divya, S., Arumugam, B., Meeran, M., Jayakumar, M., Raveen, R and Samuel, T. 2018. Phytochemical constituents of *Jasminum fluminense* Linnaeus (Oleaceae): An additional tool in the ecofriendly management of mosquitoes?, *Journal of Pharmacognosy and Phytochemistry*, 7(1): 548-566.
87. Mohamed Meeran, Abdul Khadar Jailani, Kalyanasundaram Dhinamala, Rajasingh Raveen, **Subramanian Arivoli** and Samuel Tennyson, 2018. Molluscan biodiversity (Phytal fauna) of Thondi coast in Palk Bay, Southeast coast of India. *International Journal of Zoological Studies* 3(1): 145 - 153.
88. Samuel Vinod Kumar, Mazher Sultana, Little Flower Pascal, Samuel Tennyson, Rajasingh Raveen, **Subramanian Arivoli**, Kalyanasundaram Dhinamala, Deepa Persis , Mohamed Meeran, Muniyasamy Pandeewari, 2018. Analysis of physicochemical water quality parameters of Buckingham Canal, Chennai, Tamilnadu, India. *International Journal of Zoology Studies*, 3 (1): 226-231.
89. Samuel Vinod Kumar, Mazher Sultana, Little Flower Pascal, Samuel Tennyson, Muniyasamy Pandeewari, Kalyanasundaram Dhinamala, Deepa Persis, Rajasingh Raveen, **Subramanian Arivoli**, Mohamed Meeran 2018. Analysis of a few heavy metals in Buckingham Canal water, Chennai, Tamilnadu, India, *International Journal of Zoology Studies*, 3 (1): 232-235.
90. Samuel Vinod Kumar, Little Flower Pascal, Samuel Tennyson, Muniyasamy Pandeewari, Kalyanasundaram Dhinamala, Deepa Persis, Rajasingh Raveen, **Subramanian Arivoli**, Mohamed Meeran, 2018. Nutrient composition of Buckingham canal water, Chennai, Tamilnadu, India, *International Journal of Advanced Science and Research*, 3 (2): 50-54.
91. Samuel Vinod Kumar, Little Flower Pascal, Samuel Tennyson, Muniyasamy Pandeewari, Kalyanasundaram Dhinamala, Deepa Persis, Rajasingh Raveen, **Subramanian Arivoli** and Mohamed Meeran, 2018. Histopathological studies of *Anabas testudineus* Bloch 1792 on exposure to aquatic toxicants of Buckingham canal, Chennai, Tamilnadu, India, *International Journal of Biology Research*, 3 (2): 125-133.

92. Divya, S., Arivoli, S., Samuel, T., Raveen, R and Jayakumar, M. 2018. Gas Chromatography - Mass Spectrometry analysis of *Cardiospermum halicacabum* Linnaeus (Sapindaceae) and *Chenopodium album* Linnaeus (Chenopodiaceae) leaves, *Journal of Pharmacognosy and Phytochemistry*, 7(3): 2743 - 2751.
93. Madhavi, R., Arivoli, S and Siva Prasad, S. 2018. Determination of minimum effective concentration of honey that optimizes larval growth and silk production in the silkworm, *Bombyx mori*. *International Journal of Green and Herbal Chemistry*, 7 (3): 477-488.
94. Samuel Vinod Kumar, Little Flower Pascal, Samuel Tennyson, Muniyasamy Pandeewari, Kalyanasundaram Dhinamala, Deepa Persis, Rajasingh Raveen, **Subramanian Arivoli** and Mohamed Meeran, 2018. Protein profiling and molecular expression of Indian climbing perch on exposure to aquatic toxicants of Buckingham canal, Chennai, Tamilnadu, India, *International Journal of Fisheries and Aquatic Studies*, 6 (4): 14-19.
95. Samuel Vinod Kumar, Little Flower Pascal, Samuel Tennyson, Muniyasamy Pandeewari, Kalyanasundaram Dhinamala, Deepa Persis, Rajasingh Raveen, **Subramanian Arivoli** and Mohamed Meeran, 2018. Haematological studies of *Anabas testudineus* Bloch 1792 on exposure to aquatic toxicants of Buckingham canal, Chennai, Tamilnadu, India. *International Journal of Fisheries and Aquatic Studies*, 6(4): 55- 59.
96. Samuel Vinod Kumar, Little Flower Pascal, Samuel Tennyson, Muniyasamy Pandeewari, Kalyanasundaram Dhinamala, Deepa Persis, Rajasingh Raveen, **Subramanian Arivoli** and Mohamed Meeran, 2018. Changes in the biochemical profile of *Anabas testudineus* Bloch 1792 on exposure to aquatic toxicants of Buckingham canal, Chennai, Tamilnadu, India *International Journal of Fisheries and Aquatic Studies*, 6 (4): 81 -86.
97. Samuel Tennyson, **Subramanian Arivoli**, Rajasingh Raveen, Selvanayagam Selvakumar, Manickkam Jayakumar and Lokesh Kumar, 2018. Bioefficacy of *Catharanthus roseus* (L.) G. Don (Apocynaceae) and *Hyptis suaveolens* (L.) Poit (Lamiaceae) ethanolic aerial extracts on the larval instars of the dengue and chikungunya vector *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae). *International Journal of Mosquito Research*, 5(4): 07-18.
98. Rajasingh Raveen, Lokesh Kumar, Angeline Sugirtha, Nithya Karthikeyan, Samuel Tennyson, **Subramanian Arivoli** and Manickkam Jayakumar, 2019.

- Efficacy of tobacco leaf extracts on the larva of the dengue vector mosquito. *Global Journal of Science Frontier Research*, 19(1): 1-8.
99. Raveen, R., Kanmani, S., Lokesh, K.V., Samuel Tennyson, **Arivoli, S** and Jayakumar, M. 2019. Efficacy of *Piper betle* leaf extracts against sweet potato weevil *Cylas formicarius* (F.), *Indian Journal of Entomology*, 81(1): 201-205.
 100. Samuel Tennyson, Thresia Mathews, Kanniyappan Loganathan, **Subramanian Arivoli**, Rajasingh Raveen and John William, 2019. Histopathological responses of liver tissues of the African catfish *Clarias gariepinus* (Burchell, 1982) (Teleostei : Clariidae) to the biopesticide, Azadirachtin. *Journal of Environment and Bio-Science*, 33 (1): 61-66.
 101. Samuel Tennyson, Thresia Mathews, Kanniyappan Loganathan, **Subramanian Arivoli**, Rajasingh Raveen and John William, 2019. Biopesticide, Azadirachtin induced histopathological alterations in the intestine of the African catfish *Clarias gariepinus* (Burchell, 1982) (Teleostei: Clariidae). *Proceedings of the Zoological Society of India*, 18(1): 45-53.
 102. Raveen, R., Kanmani, S., Lokesh, K.V., Samuel Tennyson, **Arivoli, S** and Jayakumar, M. 2019. Toxicity of Areca nut e weevil extracts to sweet potato weevil. *Pestology*, XLIII (43) (3): 41-43.
 103. Murugesan Sakthivadivel, Samuel Tennyson, **Subramanian Arivoli**, Selvanayagam Selvakumar, Sakthivadivel Jeyabharathi and Grace Marin., 2019. Smoke repellency effect of *Wrightia tinctoria* (Roxb.) R.Br. (Apocynaceae) on mosquitoes. *International Journal of Mosquito Research*, 6(6): 124-129.
 104. Samuel, T., Kalarani, A., Vinodha, V., **Arivoli, S.**, Selvakumar, S., Meeran, M. and Syedalifathima, A. 2019. Repellent property of plants against mosquitoes in field conditions by traditional method. *International Journal of Zoology and Applied Biosciences*, 4(6): 258-263.
 105. Amal Antony, Samuel Tennyson and **Subramanian Arivoli**, 2019. Food utilization and energy budget of *Cyprinus carpio* Linnaeus 1758 fed on plant and animal diet. *Proceedings of the Zoological Society of India*, 18(2): 31-39.
 106. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2019. Biocontrol efficiency of *Nepa cinerea* Linnaeus 1758 (Hemiptera: Nepidae) against the

- vectors of dengue and filarial fever. *International Journal of Mosquito Research*, 6(6): 39-42.
107. Grace Marin, Sony Vincent, **Subramanian Arivoli** and Samuel Tennyson, 2019. Influence of abiotic and biotic factors on the population dynamics of *Diplonychus indicus* Venk. & Rao (Hemiptera: Belostomatidae) a potent biocontrol agent for mosquito larva. *Archives of Zoological Studies*, 2(1): 1-5.
 108. Mohamed Meeran, Dhanyamol Joseph, Divya, Syedali Fathima, Samuel Tennyson, **Subramanian Arivoli**, Rajasingh Raveen, Lokesh Kumar, Rashida Banu and Adikesavan Ramanan, 2019. Vermicomposting of plant and animal wastes with special reference to *Eudrilus eugeniae*. *International Journal of Zoology and Applied Biosciences*. 4(5): 212-214.
 109. **Subramanian Arivoli**, Samuel Tennyson, Selvaraj Divya, Shameem Rani and Grace Marin, 2019. GC-MS analysis of bioactive compounds of *Curcuma longa* Linnaeus (Zingiberaceae) rhizome extracts. *Journal of Pharmacognosy and Phytochemistry*. 8(6): 49-52.
 110. Grace Marin, Berlin Mahiba, **Subramanian Arivoli** and Samuel Tennyson, 2020. Does colour of ovitrap influence the ovipositional preference of *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae). *International Journal of Mosquito Research*, 7(2): 11- 15.
 111. Grace Marin, Berlin Mahiba, **Subramanian Arivoli** and Samuel Tennyson, 2020. Evaluation of leaf infusions mediating oviposition in *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae). *International Journal of Mosquito Research*. 7(2): 16-20.
 112. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2020. Larvicidal activity of two Rutaceae species against the vectors of dengue and filarial fever. *Journal of Experimental Biology and Agricultural Sciences*, 8(2): 166 -175.
 113. Divya Selvaraj, **Arivoli Subramanian** and Tennyson Samuel, 2020. GC-MS analysis of *Abelmoschus manihot* (L.) Medik (Malvaceae) leaves. *World Journal of Advanced Research and Reviews*, 05(02): 067-079.
 114. Marin Grace, **Arivoli Subramanian** and Tennyson Samuel, 2020. Synergistic larvicidal action of *Citrus limon* (L.) Osbeck (Rutaceae) and *Bacillus thuringiensis* Berliner 1915 (Bacillaceae) against the dengue vector *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae). *GSC Biological and Pharmaceutical Sciences*, 10(01): 025-033.

115. Grace Marin, **Subramanian Arivoli**, Selvanayagam Selvakumar and Samuel Tennyson, 2020. Laboratory evaluation on the efficacy of *Bacillus thuringiensis* var. *israelensis* Berliner 1915 (Bacillaceae) on the instars of the dengue vector *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae) and against the adults of *Diplonychus indicus* Venk. & Rao (Hemiptera: Belostomatidae) as non-target organisms. *Acta Entomology and Zoology*, 1(1): 39-43.
116. Samuel Vinod Kumar, Little Flower Pascal, Mohamed Meeran, Mohammed Byrose, Vaithiyanathan Selvi, Grace Marin, **Subramanian Arivoli**, Samuel Tennyson, 2020. Comprehensive analysis on the physical, chemical, nutrient, heavy metal and microbiological parameters at selected stations of Buckingham canal, Chennai, Tamilnadu, India. *Environmental Contaminants Reviews*, 3(2): 56-65.
117. **Subramanian Arivoli** and Samuel Tennyson, 2020. Antifeedant activity of leaf extracts against the adults of red pumpkin beetle *Raphidopalpa foveicollis* Lucas 1849 (Coleoptera: Chrysomelidae). *Sustainability in Food and Agriculture*, 1(1): 15-20.
118. **Subramanian Arivoli** and Samuel Tennyson, 2020. Antifeedant activity of leaf extracts against *Spodoptera litura* Fabricius 1775 (Lepidoptera: Noctuidae) highlighting the mechanism of action. *London Journal of Research in Science*, 20(4): 67-80.
119. Samuel Tennyson, Grace Marin and **Subramanian Arivoli**, 2020. Toxicity of Citrus leaf extracts to the dengue vector mosquito. *Pestology*, 2; XLIV(4): 44-46.
120. **Subramanian Arivoli**, Grace Marin, Selvanayagam Selvakumar and Samuel Tennyson, 2020. Repellency effect of some plant extracts against the dengue vector *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae) with reference to mode of action and related factors. *Uttar Pradesh Journal of Zoology*, 41 (19): 28-35.
121. Grace Marin, Sony Vincent, Selvanayagam Selvakumar, **Subramanian Arivoli** and Samuel Tennyson, 2020. Surveillance of the Asian tiger mosquito *Aedes albopictus* Skuse 1894 (Diptera: Culicidae) the dengue vector in rubber plantations of Kanyakumari district, Tamilnadu, India. *International Journal of Mosquito Research*, 7(4): 127- 133.
122. Madhavi, R., **Arivoli, S** and Siva Prasad, S. 2020. Impact of Honey enriched Mulberry diet on the digestive metabolism of the silkworm *Bombyx mori*, *Indian Journal of Applied Research*, 10 (4): 83-89.

123. Subramanian Arivoli, Samuel Tennyson, Ganesan Manimegalai, Elangovan Vigneshkumar, Mohamed Meeran, Grace Marin, Miriam Vassou, Selvaraj Divya and PAC Kamatchi, 2020. Assessment of soil and water quality and its possible impact on the flora and fauna in Jayarampettai village of Ranipet District, Tamilnadu, India. *Uttar Pradesh Journal of Zoology*, 41 (23) : 62-71.
124. Sekar Kanmani, Lokesh kumar, Rajasingh Raveen, Samuel Tennyson, **Subramanian Arivoli** and Manickkam Jayakumar, 2021. Toxicity of tobacco *Nicotiana tabacum* Linnaeus (Solanaceae) leaf extracts to the rice weevil *Sitophilus oryzae* Linnaeus 1763 (Coleoptera: Curculionidae), *The Journal of Basic and Applied Zoology*, 82 (10): 1-12.
125. Grace Marin, **Subramanian Arivoli**, Selvanayagam Selvakumar, Daniel Reegan and Samuel Tennyson, 2021. Predatory efficiency of freshwater bugs *Diplonychus indicus* Venk. & Rao (Hemiptera: Belostomatidae) and *Ranatra filiformis* Fabricius (Hemiptera: Nepidae) on the larvae of the dengue vectors *Aedes aegypti* Linnaeus and *Aedes albopictus* Skuse (Diptera: Culicidae), *Uttar Pradesh Journal of Zoology*, 42 (1): 32-39.
126. Syedali Fathima, Siva Priya, Mohamed Meeran, **Subramanian Arivoli**, Samuel Tennyson, 2021. Assessment of insect diversity in paddy fields of Uthamapalayam, Theni district, Tamilnadu, India. *Journal of Wildlife and Biodiversity*, 5(2) : 88 -98.
127. Selvaraj Divya, **Subramanian Arivoli** and Samuel Tennyson, 2021. Phytochemical analysis and *in vitro* antioxidant and antibacterial activity of the chloroform leaf extract of *Abelmoschus manihot* (L.) Medik (Malvaceae), *Research Journal of Pharmacy and Technology*, 14 (9): 1-8
128. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2021. Functional response of *Diplonychus indicus* Venk. & Rao (Hemiptera: Belostomatidae) against *Aedes aegypti* Linnaeus and *Aedes Albo pictus* Skuse (Diptera: Culicidae). *Uttar Pradesh Journal of Zoology*, 42 (08) : 85-91.
129. Krishnan Rajkumar, Samuel Tennyson, **Subramanian Arivoli**, and Miriam Vassou, 2021. Ethology of some membracids on its host plants. *Uttar Pradesh Journal of Zoology*, 42 (21) : 43-51.
130. Grace Marin, Askilla Pearlin, Paulraj Blessy, Kumaresan Renjitha, **Subramanian Arivoli** and Samuel Tennyson, 2021. Effect of micronutrients supplemented mulberry leaves on the larval biochemical characteristics of mulberry silkworm, *Bombyxmori* Linnaeus 1758 (Lepidoptera: Bombycidae), *Uttar Pradesh Journal of Zoology*, 42 (24) :486-494.

131. Mohamed Meeran, Syed Marjuk, Mohammed Byrose, **Subramanian Arivoli**, Samuel Tennyson and Syedal Fathima, 2021. Population Flux of the House Sparrow *Passer domesticus* Linnaeus 1758 in Chinnamanur Town, Uthamapalayam Taluk of Theni district, Tamilnadu, India. *Journal of Tropical Life Science*, 11 (2):193 -207.
132. Kowsalya, P., **Arivoli, S** and Balaji Munivelan, 2021. Identification of potential drug molecule for Cervical Cancer in human beings using insilico techniques. 2021. *International Journal of Multidisciplinary Educational Research*, 10, 6(2): 06-10.
133. Kanniyappan Loganathan, Samuel Tennyson and **Subramanian Arivoli**, 2021. Scanning Electron Microscopic Studies on the Gill and Blood Tissues of *Heteropneustes fossilis* Bloch 1794 (Siluriformes: Heteropneustidae) Exposed to Triazophos with Special Reference to Recovery Period. *Journal of Aquatic Biology & Fisheries*, 9: 12-16.
134. Grace Marin, Askill Pearlina, Paulraj Blessy, Devasanthakumar Gincy, **Subramanian Arivoli** and Samuel Tennyson, 2021. Factors influencing the predatory efficiency of *Nepa cinerea* Linnaeus 1758 (Hemiptera: Nepidae) on prey *Aedes aegypti* and *Albo pictus* Skuse 1894 (Diptera: Culicidae). *Uttar Pradesh Journal of Zoology*, 42(7): 42- 48.
135. **Subramanian Arivoli**, Miriam Vassou, Samuel Tennyson, Mohamed Meeran, Athikesavan Ramanan, Selvaraj Divya and PAC Kamatchi, 2021. Analysis of Soil and Water Quality in selected villages of Ranipet District, Tamilnadu, India. *Current World Environment*, 16(2): 477-491.
136. Mohamed Meeran, Syedal Fathima, Ramamoorthi Sivabuvaneshwaran, Chinnasami Nandhini, Mohammed Byrose, Miriam Vassou, **Subramanian Arivoli**, Samuel Tennyson and, 2021. A checklist of Avifauna of Kombai, Tamil Nadu, India, including diversity, abundance and richness. *Journal of Forestry and Wildlife*, 10 (3) : 897-910.
137. Grace Marin, Paulraj Blessy, Helan Mary, **Subramanian Arivoli** and Samuel Tennyson. Effect of micronutrients on the biochemical contents of mulberry (*Morus alba* L. Moraceae) leaves. *Current Agriculture Research Journal*. 2022; 10(3): in press.
138. Mohamed Meeran, **Subramanian Arivoli** and Samuel Tennyson. Analysis of the physical, chemical, nutritional and heavy metal parameters of ground water in selected sites of Tiruchirappalli, Tamil Nadu, India, with a note on

- risk assessment. *Research Journal of Agricultural Sciences*. 2022; 13(5): 1378-1387.
139. Chitra. K, Rasheeda Shameem, M and **Arivoli, S** 2022. A review on traditional and modern food packaging technologies, *International journal of novel research and development*, 7 (9) : 769-775.
 140. Chitra. K, Rasheeda Shameem, M and **Arivoli, S** 2022. The uses of ethnoveterinary medicine in treating cattle's milking diseases, *World Journal of Advanced Research and Review* 14 (01) : 075-079.
 141. Chitra. K, Rasheeda Shameem, M and **Arivoli, S** 2022. Bilayer edible coating of figs (*Ficus carica*) using gelatin and guar gum incorporated with grapefruit seed extract, *The Pharma Innovation*. 11 (09) : 1904-1911.
 142. Krishnan Rajkumar, Samuel Tennyson and **Subramanian Arivoli**, 2022. Ant membracid interaction and their stoichiometric relationship. *Research Journal of Agricultural Sciences*. 13(4): 1277-1283.
 143. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2022. Effect of micronutrient supplemented mulberry leaves on larvae of silk worm *Bombyx mori*. *Indian Journal of Entomology*. e22186.
 144. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2022. Effect of micronutrients supplemented mulberry leaves on the cocoon parameters of mulberry silkworm, *Bombyx mori* Linnaeus 1758 (Lepidoptera: Bombycidae). *Research Journal of Agricultural Sciences*. 13(3): 808-813.
 145. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2022. Toxicity of *Tridaxprocumbens* leaf extract to dengue vectors *Aedes aegypti* L. and *Ae. Albopictus* Skuse. *Indian Journal of Entomology*. 2022; e21243. 1-4.
 146. Krishnan Rajkumar, Samuel Tennyson and **Subramanian Arivoli**, 2022. Ecology of *Otinotusoneratus* Walker (Hemiptera: Membracididae) on its host plant *Tamarindus indica*. *Indian Journal of Entomology*. e21183.
 147. Krishnan Rajkumar, Samuel Tennyson and **Subramanian Arivoli**, 2023. Egg parasitism in membracids by chalcidoid parasitoids and its interspecific association. *Research Journal of Agricultural Sciences*. 14 (01) 171-173
 148. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2023. Influence of container colour and leaf infusion on the ovipositional preference of *Aedes*

- albopictus* Skuse 1894 (Diptera: Culicidae). *Research Journal of Agricultural Sciences*. 14(01) 174-177.
149. Grace Marin, Paulraj Blessy, Helan Mary, **Subramanian Arivoli** and Samuel Tennyson, 2023. Role of micronutrients on the increased growth and yield of mulberry plants. *Current Agriculture Research Journal*. 11(1) 78-91
 150. Vaithiyathan Selvi, **Subramanian Arivoli**, Samuel Tennyson, 2023. *In vitro* antitumor activity of *Sargassum wightii* Greville (Sargassaceae) chloroform extract against human cancer cells. *Research Journal of Agricultural Sciences*. 14 (1) 195-199.
 151. Vaithiyathan Selvi, **Subramanian Arivoli**, Samuel Tennyson, 2023. Toxicity of *Sargassum wightii* to the malaria vector *Anopheles stephensi* Liston (Diptera: Culicidae). *Indian Journal of Entomology*. 1-6
 152. Mohamed Meeran, Vellaichamy Iswarya, Syedali Fathima, **Subramanian Arivoli**, Samuel Tennyson, 2023. Assessment of insect diversity in sugarcane fields of Kuchanur, Theni district, Tamil Nadu, India. *Advances in Zoology and Botany*. 11(4) 289-301
 153. **Subramanian Arivoli**, Samuel Tennyson, Miriam Cecilia Vassou, Grace Marin, , Raji Kalaivani and Elangovan Vigneshkumar, 2023. Impact of alternate prey on the prey preference, prey switch strategy and predatory performance of the water stick insect *Ranatra filiformis* Fabricius 1790 (Hemiptera: Nepidae) *Biological forum - An International Journal* 15(2): 861-870.
 154. **Subramanian Arivoli**, Samuel Tennyson, Miriam Cecilia Vassou, Grace Marin, Elangovan Vigneshkumar and Raji Kalaivani, 2023. Predatory efficiency of the semi-aquatic bug *Microvelia douglasi* Scott 1874 (Hemiptera: Veliidae) with a note on factors influencing its predatory performance. *Biological forum - An International Journal* 15(4): 93-100.
 155. Justin Kumar, Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2023. Insecticidal activity of *Epipremnum aureum* (Araceae) Leaf extract against the Immature Stages of the Rice Moth *Corcyra cephalonica* Stainton, 1866 (Lepidoptera: Pyralidae) *Biological forum - An International Journal* 15(6) : 610-617.
 156. Parthasarathy Arunachalam Chettiyar Kamatchi, Rajan Maheswaran, Subramanian Sivanandhan, Savarimuthu Ignacimuthu, Kedike Balakrishna, Appadurai Daniel Reegan, **Subramanian Arivoli**, 2023. Bioefficacy of ursolic acid and its derivatives isolated from *Catharanthus roseus* (L) G. Don leaf

- against *Aedes aegypti*, *Culex quinquefasciatus*, and *Anopheles stephensi* larvae.
157. Poornasundari Baluchamy and **Arivoli Subramanian**, 2023. Phytochemical screening and evaluations of antibacterial and antioxidant activities of methanolic leaf extract of *Senna auriculata* (L). *Roxb Journal of Current Science and Technology* 13(2) 161-182.
 158. **Subramanian Arivoli**, Samuel Tennyson, Miriam Cecilia Vassou and Grace Marin, 2023. Predatory performance of *Microvelia douglasi* Scott (Hemiptera: Veliidae) with reference to diel periodicity, *Indian Journal of Entomology*, Online published Ref. No. e23320 DoI. No.: 10.5544; 1-7.
 159. **Subramanian Arivoli** and Samuel Tennyson, 2023. Potential of Phytocompounds as Antifeedants against the Adults of the Red Pumpkin Beetle *Aulacophora foveicollis* Lucas 1849 (Coleoptera: Chrysomelidae): 14 (5) 1469-1475
 160. **Subramanian Arivoli**, Samuel Tennyson, 2023. Water quality assessment in Kathiyavadi village of Ranipet district, Tamilnadu, India. Article in press.
 161. Grace Marin, **Subramanian Arivoli** and Samuel Tennyson, 2023. Toxicity of *Tridax procumbens* Linn. (Asteraceae) ethanolic leaf extract to the dengue vectors *Aedes aegypti* L. and *Aedes albopictus* Skuse (Diptera: Culicidae) Article in press.
 162. Kanniyappan Loganathan, Samuel Tennyson and **Subramanian Arivoli**, 2023. Triazophos toxicity induced histological abnormalities in *Heteropneustes fossilis* Bloch 1794 (Siluriformes: Heteropneustidae) organs and assessment of recovery response. *The Journal of Basic and Applied Zoology*.(Article in press)
 163. Vaithiyanathan Selvi, **Subramanian Arivoli**, Samuel Tennyson, 2023. Antibacterial activity of seaweed extracts against human pathogenic bacteria. *Research Journal of Pharmacy and Technology*. (Article in press)
 164. Samuel Tennyson and **Subramanian Arivoli**, 2023. Toxicity of *Elytraria acaulis* (L.f.) Lindau (Acanthaceae) to the larvae of vector mosquitoes. *Journal of Advanced Zoology*.
 165. Vaithiyanathan Selvi, **Subramanian Arivoli**, Samuel Tennyson, 2023. Toxic effect of green seaweeds on the larval instars of vector mosquitoes. *Advances in Zoology and Botany*.

List of publications in proceedings

- **Arivoli, S.** and Venkatesan, P. 1995. Effect of habitat structure on the predatory performance of *Ranatra filiformis* Fabr against *Culex* mosquito larva. *Proceedings of National Academy of Vector Borne Diseases, RMRC (ICMR):* 180-187.
- **Arivoli, S.** and Venkatesan, P. 1995. Survival and tolerance of the water bug *Diplonychus indicus* Venk & Rao under the stress of the fly ash. *Proceedings of use of Lignite Fly Ash in Agriculture, Annamalai University:* 170 -173
- Narendran, S.T., **Arivoli, S** and Ignacimuthu, S. 1999. Evaluation of larvicidal and antifeedant activity of two plants. *Proceedings of Biopesticides in Insect Pest Management.* Entomology Research Institute, Loyola College (Phoenix Publishers, New Delhi) 152-155
- Narendran, S.T., **Arivoli, S** and Ignacimuthu, S. 1999. Antifeedant activity of five plants collected from Western Ghats, against the armyworm *Spodoptera litura* Fabricius. *Proceedings of Emerging Trends in Biotechnological Applications for Integrated Pest Management.* Entomology Research Institute, Loyola College (Phoenix Publishers, New Delhi) 81-86
- **Arivoli, S.** 2003. An amazing water walker- Published in LABS BEAT (News letter)
- **Arivoli, S** and Venkatesan, P. 2007. Diet for Cancer prevention
- **Arivoli, S,** Chandramohan, G and Venkatesan, P. 2008. Trauma care system in India - Current Scenario.
- **Arivoli, S.,** Samuel, T and Raveen, R. 2019. Bottle nose Dolphin: or Plastic bottle nose Dolphin? *Proceedings of the national symposium on Plastic Pollution, Vikrama Simhapuri University P.G. Centre, Kavali, Nellore District, Andhra Pradesh.* 165-168.
- Divya, S., and **Arivoli, S.** 2019. Effect of plastic bag in land and water ways. *Proceedings of the national symposium on Plastic Pollution, Vikrama Simhapuri University P.G. Centre, Kavali, Nellore District, Andhra Pradesh.* 172-175.

Paper presentations

- Presented paper entitled "Biodiversity in some Indian membracids with reference to their ovipositing behaviour and ant attendance" in **International conference on biodiversity, environmental and sustainable development** held on 4 - 6th October 1994, at Sarojini Naidu Vanita Mahavidyalaya, Hyderabad, Andhra Pradesh.
- Presented paper entitled "Effect of habitat structure on the predatory performance of *Ranatra filiformis* Fabr. against *Culex* mosquito larvae" in the first **International symposium on vectors and vector borne diseases** held on 12-15th November 1994 at Regional Medical Research Centre (ICMR) Bhubaneswar, Orissa
- Presented paper entitled "Survival and tolerance of the water bug *Diplonychus indicus* Venk. & Rao under the stress of the fly ash" in **National seminar on the use of lignite fly ash in agriculture** held on 20 -22nd December 1995, at Department of Entomology, Annamalai University, Tamil Nadu
- Presented paper entitled "Predatory performances of the gerrid *Tenagogonus fluviorum* (Fabricius) with *Culex* larvae" in the second **International symposium on vectors and vector borne diseases** held on 17 -19th March 1997, at The Old Anchor, Goa
- Presented paper entitled "Evaluation of larvicidal and antifeedant activity of two plants" in **National symposium on biopesticides and insect pest management** held on 26-27th February 1998, at Entomology Research Institute, Loyola College, Chennai. Tamil Nadu
- Presented paper entitled "Larvicidal efficacy of indigenous plants against *Culex quinquefasciatus*" in the third **International symposium on vectors and vector borne diseases** held on 30th May - 1st June 1998, at Hotel Toshali Sands, Puri, Orissa
- Presented paper entitled "Antifeedant effects of five plants collected from Western Ghats, against the army worm *Spodoptera litura* Fabricius" in **National symposium on emerging trends in biotechnological applications for integrated pest management** held on 25-26th February 1999, at Entomology Research Institute, Loyola College, Chennai, Tamilnadu

- Presented paper entitled "Predatory performance of *Diplonychus rusticus* on *Culex quinquefasciatus* exposed to the extracts of *Murraya koenigii*" in **National symposium on profiles in aquatic insect biodiversity** held on 23-24th July 1999, at Post Graduate and Research Department of Zoology, Loyola College, Chennai, Tamilnadu
- Presented paper entitled "Detection and purification of a β -1,3 Glucan Binding Protein (β GBP) in the plasma of the marine mussel *Perna viridis*" in **National seminar on comparative animal physiology for 21st century** held on 13-15th December 2001, at Department of Zoology, Goa University, Taleigao Plateau, Goa.
- Presented paper entitled "Botanical extracts against the filarial vector, *Culex quinquefasciatus* larvae" in **National conference on management of natural resources for our sustenance** held on 3-5th October 2002, at Loyola College, Chennai, Tamilnadu
- Presented paper entitled "Botanical pesticides: Past, present and future" in **National seminar on healthy environment for the next generation** held on 2-4th December 2004 at Loyola College, Chennai, Tamilnadu
- Presented paper entitled "Screening of crude plant extracts for biological activity against army worm *Spodoptera litura* Fabricius" in **National congress of entomology** held on 15-17th March 2006, at Punjabi University, Patiala, Punjab
- Presented paper entitled "Botanical terminator of *Culex quinquefasciatus*" in **National seminar on mosquito biodiversity and challenges in the control of mosquito-borne diseases** held on 19 - 20th February 2007 at Loyola College, Chennai, Tamilnadu
- Presented paper entitled "Larvicidal activity of crude extracts of three plants against larvae of *Culex quinquefasciatus* Say." in **Biopesticide international conference (BIOCICON)** held on 28 -30th November 2007 at St. Xavier's College, Palayamkottai, Tamilnadu
- Presented paper entitled "Diet for Cancer prevention" in **Regional symposium on newer challenges in laboratory diagnosis for life style disease** held on 17 - 18th December 2007 at Loyola College, Chennai, Tamilnadu
- Presented paper entitled "Species diversity of giant freshwater prawn, *Macrobrachium*" in **National seminar on biodiversity conservation and environmental biotechnology** held on 23 - 24th January 2008 at VSR & NVR College, Tenali 522 201, Andhra Pradesh.

- Presented paper entitled "Trauma care system in India - Current Scenario" in **State level symposium on role of laboratories in trauma care and pre-emptive prevention of human diseases** held on 17 - 18th December 2008 at Loyola College, Chennai, Tamilnadu
- Presented paper entitled "Antifeedent activity, developmental indices and morphogenetic variations of plant extracts against *Spodoptera litutra* (Fab)" held on 7th & 8th September 2018 in "**International conference on Recent trends in pesticides development and registration**" at International Institute of Biotechnology and Toxicology(IIBAT), Padappai, Kanchipuram, Tamilnadu, India. **WON FIRST PRICE (Cash award Rs. 5000/-)**
- Presented paper entitled "Bottle nose Dolphins : or Plastic Bottle nose Dolphins" held on 15 & 16th February 2019 in "**National Symposium on Plastic pollution at Department of Zoology, Vikrama Simhapuri University Post Graduate Centre, Kavali, Nellore District, Andhra Pradesh, India.**
- Presented paper entitled "Effect of Plastic bag in Land and water ways" held on 15 & 16th February 2019 in "**National Symposium on Plastic pollution at Department of Zoology, Vikrama Simhapuri University Post Graduate Centre, Kavali, Nellore District, Andhra Pradesh, India**

Abstracts

- **Arivoli, S.** 1988. Indian wild animals and their protection (Tamil) *Annual College magazine*
- Prabakaran, S., John William, S and **Arivoli, S.** 1994. Biodiversity in some Indian membracids with reference to their ovipositing behaviour and ant attendance.
- Ouseph, A., **Arivoli, S** and Gandheeswari, P. 1996. Effect of physico-chemical parameter of river Cooum on chromosomes of *Oreochromis mossambicus* (Peters)
- **Arivoli, S.** and Venkatesan, P. 1997. Predatory performance of the gerrid *Tenagogonus fluviorum* (Fabricius) with *Culex* larvae
- **Arivoli, S.**, Sen, A. and Ignacimuthu, S. 1998. Larvicidal efficacy of indigenous plants against *Culex quinquefasciatus*
- Narendran. S.T, **Arivoli, S.**, Ignacimuthu, S. and Sen, A. 1999. Predatory performance of *Diplonychus rusticus* on *Culex quinquefasciatus* exposed to the extracts of *Murraya koenigii*
- **Arivoli, S.**, Thiagarajan Raman and Alok Sen. 2002. Botanical extracts against the filarial vector *Culex quinquefasciatus* larvae
- Jayaraj, S.S., **Arivoli, S.**, Arumugam, M and Mullainathan, P. 2002. Detection and purification of a β 1,3 glucan binding protein in the plasma of the marine mussel *Perna viridis*
- Prabakaran Sarangan, Thrumalai, G. and **Arivoli, S.** 2003. Control of mosquito vectors by using botanical extracts
- Jayakumar, M., **Arivoli, S** and John William, S. 2004. Botanical pesticides: Past, present and future
- Jayakumar, M., **Arivoli, S.** and John William, S. 2006. Bioefficacy of botanicals for the management of cowpea weevil, *Callosobruchus maculatus* Fabr.
- **Arivoli, S.** Venkatesan, P., Jayakumar, M. and Prabakaran, S. 2006. Screening of crude plant extracts for biological activity against army worm *Spodoptera litura* Fabricius.

- Selvambiga Varuni, R., **Arivoli, S** and Venkatesan, P. 2007. Botanical terminator of *Culex quinquefasciatus*.
- Anjali N Upadhyay, **Arivoli, S** and Venkatesan, P. 2008. Species diversity of giant freshwater prawn, *Macrobrachium*.
- **Arivoli, S**, and Samuel Tennyson, 2011. Larvicidal activity of botanicals against *Culex quinquefasciatus* Say (Diptera: Culicidae).
- **Arivoli, S**, Samuel Tennyson and Jesudoss Martin, J. 2011. Larvicidal efficacy of some plant extracts against *Anopheles stephensi* Liston (Diptera: Culicidae).
- Samuel Tennyson and **Arivoli, S**. 2011. Bioefficacy of botanical insecticides against *Aedes aegypti* L. (Diptera: Culicidae)
- **Arivoli, S**, John Ravindran, K. and Samuel Tennyson, 2011. Ovicidal activity of plant extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae)
- Eugeni Anitha Preethi, G., Raveen, R., **Arivoli, S.**, Samuel Tennyson and Madhanagopal, R. 2014. Larvicidal efficacy of *Jasminum* sp. (Oleaceae) flower extracts against the dengue and chikungunya vector *Aedes aegypti* L (Diptera: Culicidae)
- **Arivoli, S.**, Samuel Tennyson and Arul Samraj, D. 2014. Effect of *Murraya koenigii* (L.) Spreng (Rutacea) and *Sphaeranthus indicus* Linn (Asteraceae) leaf extracts on the oviposition activity of *Aedes aegypti*, *Anopheles stephensi*, *Culex quinquefasciatus* (Diptera: Culicidae).
- Eugeni Anitha Preethi, G., Raveen, R., **Arivoli, S.**, Samuel Tennyson and Madhanagopal, R. 2014. Presented paper entitled "Larvicidal efficacy of *Jasminum* sp. (Oleaceae) flower extracts against the dengue and chikungunya vector *Aedes aegypti* L" in **International conference on Vector Borne Diseases- combat and control** held on 22nd - 23rd January 2014 at Justice Basheer Ahamed Sayeed College for Women, Chennai, Tamilnadu
- **Arivoli, S.**, Samuel Tennyson and Arul Samraj, D. 2014. Presented paper entitled "Effect of *Murraya koenigii* (L) Spreng (Rutaceae) and *Sphaeranthus indicus* Linn. (Asteraceae) leaf extracts on the oviposition activity of *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae)" in AZRA silver jubilee **International conference on Probing Bioscience for food**

Security and Environmental Safety held on 16-18th February 2014 at CRRI, Cuttack, Odisha

- Divya, S., and Arivoli, S. 2014. Presented paper entitled "Laboratory ethics" in **Regional symposium on Recent Trends in Medical Laboratories in relation to lifestyle diseases held on 13th September 2014** at Shri Academy for paramedical Education, Chennai, Tamilnadu.
- Blessy, N., Divya, S. and Arivoli, S. 2014. Presented paper entitled "Impact of climate change on Biodiversity" in **National conference on achieving sustainable Development held on 4 -5th December 2014** at Loyola College, Chennai.
- Divya, S., Blessy, N., and Arivoli, S. 2014. Presented paper entitled "Elimination of poverty and Empowerment of women" in **National conference on achieving sustainable Development held on 4 -5th December 2014** at Loyola College, Chennai.
- Divya, S., Blessy, N., and S. Arivoli, S. 2015. Presented paper entitled "Conservation of medicinal plants" in "**National symposium on Biodiversity**" held on 18th -20th February 2015 at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu
- Blessy, N., Divya, S. and Arivoli, S. 2015. Presented paper entitled "Bioremediation : Areview of biodiversity" in "**National symposium on Biodiversity**" held on 18th -20th February 2015 at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu.
- Raveen, R., Samuel Tennyson., Arivoli, S. and Madhanagopal, R. 2015. Presented paper entitled "Evaluation of mosquito larvicidal activity of *Jasminum* sp. Extracts against the filarial vector *Culex quinquefasciatus* Say" in "**National symposium on Biodiversity**" held on 18th -20th February 2015 at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu.
- Divya, S. and Arivoli, S. 2015. Presented paper entitled "Environmental Chemistry - A birds view" in "**National conference on emerging trends in Chemistry and Materials**" held on 9th -10th April 2015 at Department of Chemistry, Thiruvalluvar University, Vellore, Tamilnadu, India.
- Samuel, T., Arivoli, S., and Raveen, R. 2015. Presented paper entitled "Mosquito control using green Insecticides" in "**National seminar on recent trends in Biological Sciences**" held on 26th August 2015 at Department of Zoology, Government Arts College (Men), Krishnagiri, Tamilnadu, India.

- Raveen, R., Pandeewari, M., **Arivoli, S** and Samuel, T. 2015. Presented paper entitled "Organic farming in sustainable Agriculture" in "**National seminar on recent trends in Biological Sciences**" held on 26th August 2015 at Department of Zoology, Government Arts College (Men), Krishnagiri, Tamilnadu, India.
- Pandeewari, M., Raveen, R., **Arivoli, S.** and Samuel, T. 2015. Presented paper entitled "Impact of Global warming on Marine environment" in "**National seminar on recent trends in Biological Sciences**" held on 26th August 2015 at Department of Zoology, Government Arts College (Men), Krishnagiri, Tamilnadu, India.
- Divya, S. and **Arivoli, S.** 2015. Participated in "International workshop Awareness for conservation and sustainable Biodiversity in India" held on 18 & 19 September 2017 at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- Samuel Tennyson, Subramanian **Arivoli** and John William, S. 2016. Presented paper entitled "Phytonano Pesticides for Vector Control" in "**International conference on Recent Advances in Life Sciences**" held on 11-13th February 2016 at Department of Zoology, Ethiraj College for Women, Chennai, Tamilnadu, India.
- Kamatchi, P.A.C., **Arivoli, S.**, Maheswaran, R. 2016. Presented paper entitled "Larvicidal activity of *Annona squamosa* L. leaf extracts against the larvae of *Aedes aegypti* (L) (Diptera : Culicidae) in "**National conference on Public Health and Hygiene**" held on 4th and 5th February 2016 at Post Graduate and Research Department of Zoology, Periyar Government Art College, Cuddalore, Tamilnadu, India.
- Jayakumar, M and **Arivoli, S.**, 2016. Presented paper entitled "Diversity of Cockroaches in India" on International Symposium on Conservation of aquatic biodiversity at Thiruvalluvar University on September 27 - 29..
- Divya, S., Vanniyamalar, R., Thilagavathi, S., Samuel Tennyson, Raveen, R and **Arivoli, S.** 2016. Presented paper entitled "Screening of phytochemicals in methanol leaf extracts of *Jasminum fluminense* L." on International Symposium on Conservation of aquatic biodiversity at Thiruvalluvar University on September 27 - 29.

- Divya, S., Madhavi, R., Senthilkumar, B., Samuel Tennyson, Raveen, R and Arivoli, S. 2016. Presented paper entitled "Phytochemistry : A brief glance" on International Symposium on Conservation of aquatic biodiversity at Thiruvalluvar University on September 27 -29.
- Divya, S. and Arivoli, S. 2016. Presented paper entitled "Mosquito - An Overview" on International Symposium on Conservation of aquatic biodiversity at Thiruvalluvar University on September 27 -29.
- Maheswari, R. Mini Priya, R., Senthilkumar, B. and Arivoli, S. 2016. Presented paper entitled "In vivo hepatoprotective activity of *Andrographis paniculata* on Arsenic induced liver toxicity in albino rats" on International Symposium on Conservation of aquatic biodiversity at Thiruvalluvar University on September 27 to 29 - 2016.
- Chitra, K., Senthilkumar, B., and Arivoli, S. 2016. Presented paper entitled "Hybrid nanofiber loaded with ofloxacin for dermal wound healing applications" on International Symposium on Conservation of aquatic biodiversity at Thiruvalluvar University on September 27 to 29 - 2016.
- Kamatchi, P.A.C., Maheswaran, R., Jayakumar, M. and Arivoli, S. 2016. Presented paper entitled "Mosquito Larvicidal Potential of Three Common Medicinal Plants of Tamilnadu" on International Symposium on Conservation of aquatic biodiversity at Thiruvalluvar University on September 27 to 29 - 2016.
- Parthasarathi Arunachalam Chettiar Kamatchi, Subramanian Arivoli, Rajan Maheswaran, 2016. Presented paper entitled "Evaluation of larvicidal efficacy of *Justicia adhatoda* L., *Murraya koenigii* (L) Spreng and *Anisomeles malabarica* (L) plant extracts against dengue vector mosquito *Aedes aegypti* (L) (Diptera : Culicidae) in "International conference on Recent Advances in Life Sciences" held on 11-13th February 2016 at Department of Zoology, Ethiraj College for Women, Chennai, Tamilnadu, India.
- Dons N.J., Divya, A., Daniel Reegan, A., Rajiv Gandhi, M., Ignacimuthu, S., Arumugam, B., Arivoli, S and Samuel Teenyson, 2016. Presented paper entitled "Evaluation of larvicidal efficacy of *Justicia adhatoda* L., *Murraya koenigii* (L) Spreng and *Anisomeles malabarica* (L) plant extracts against dengue vector mosquito *Aedes aegypti* (L) (Diptera : Culicidae) in "International conference on Recent Advances in Life Sciences" held on 11-13th February 2016 at Department of Zoology, Ethiraj College for Women, Chennai, Tamilnadu, India.

- Dons, N.J., Divya, A., Daniel Reegan, A., Rajiv Gandhi, M., Ignacimuthu, S., Arumugam, B., Arivoli, S. and Samuel Tenyson, 2016. Presented paper entitled "Larvicidal Activity of Silver nanoparticles from *Cocos nucifer* and against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera : Culicidae) in "National Seminar on Innovative Technologies in Insect Science" held on 14th October 2016 at Department of Advanced Zoology and Biotechnology, Guru Nanak College, Chennai, Tamilnadu, India organized by Entomology Academy of India.
- Dons, N.J., Divya, A., Daniel Reegan, A., Rajiv Gandhi, M., Ignacimuthu, S., Arumugam, B., Arivoli, S. and Samuel Tenyson, 2016. Presented paper entitled "Bioassay of silver nanoparticles from *Allium fistulosum* Linnaeus (Amaryllidaceae) for toxicity against *Aedes aegypti* Linnaeus, *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera : Culicidae) in "National Seminar on Innovative Technologies in Insect Science" held on 14th October 2016 at Department of Advanced Zoology and Biotechnology, Guru Nanak College, Chennai, Tamilnadu, India organized by Entomology Academy of India.
- Samuel Tenyson, Arivoli, S and John William, S. 2016. Presented paper entitled "Indian Gharial (*Gavialis gangeticus* Gmelin, 1789)" in **Young scientists' conference on Faunal Diversity** held on 5 & 6th December 2016 at Department of Zoology, Loyola College, Chennai.
- Divya, S., Vanniamalar, R., Thilgavathy, S., Arivoli, S and Samuel Tenyson, 2016. Presented paper entitled "Indian Peafowl Diversity - Threat or Treat" in **Young scientists' conference on Faunal Diversity** held on 5 & 6th December 2016 at Department of Zoology, Loyola College, Chennai.
- Kamatchi P.A.C., Arivoli, S. and Maheswaran, R. 2016. Presented paper entitled "Threats and conservation of Indian Elephant" in **Young scientists' conference on Faunal Diversity** held on 5 & 6th December 2016 at Department of Zoology, Loyola College, Chennai.
- Samuel Tennyson, Subramanian Arivoli and John William, S. 2016. Phytonano Pesticides for Vector Control.
- Parthasarathi Arunachalam Chettiyar Kamatchi, Subramanian Arivoli, Rajan Maheswaran, 2016. Evaluation of larvicidal efficacy of *Justicia adhatoda* L., *Murraya koenigii* (L) Spreng and *Anisomeles malabarica* (L) plant extracts against dengue vector mosquito *Aedes aegypti* (L) (Diptera: Culicidae)

- Kamatchi, P.A.C., **Arivoli, S.**, Maheswaran,, R. 2016. Presented paper entitled "Larvicidal activity of *Annona squamosa* L. leaf extracts against the larvae of *Aedes aegypti* (L) (Diptera : Culicidae)
- Samuel Tennyson, Raveen, R., Jayakumar, M. and **Arivoli, S.** 2016. Corals of Gulf of Mannar: Threat or Treat
- Kamatchi, P.A.C., Maheswaran, R. Jayakumar, M. and **Arivoli, S.** 2016. Conservation of aquatic biodiversity
- Jayakumar, M and **Arivoli, S.** 2016. Diversity of Cockroaches in India
- Divya. S, Vanniyamalar, R., Thilagavathi, S., Samuel Tennyson , Raveen, R. and **Arivoli, S.** 2016. Screening of phytochemicals in methanol leaf extracts of *Jasminum fluminense* (L.)
- Divya, S., Madhavi, R., Senthilkumar, B., Samuel Tennyson, Raveen, R. and **Arivoli, S.** 2016. Phytochemistry : A brief glance
- Maheswari, R., Mini Priya, R., Senthilkumar, B. and **Arivoli, S.** 2016. *In vivo* hepatoprotective activity of *Andrographis paniculata* on Arsenic induced liver toxicity in albino rats
- Chitra, K., Senthilkumar, B and **Arivoli, S.** 2016. Hybrid nanofiber loaded with ofloxacin for dermal wound healing applications
- Kamatchi, P.A.C., Maheswaran, R., Jayakumar, M and **Arivoli, S.** 2016. Mosquito Larvicidal Potential of Three Common Medicinal Plants of Tamilnadu.
- Divya, S. and **Arivoli, S.** 2016. Mosquito - An Overview
- Parthasarathi Arunachalam Chettiar Kamatchi, Subramanian **Arivoli,** Rajan Maheswaran, 2016. Evaluation of larvicidal efficacy of *Justicia adhatoda* L., *Murraya koenigii* (L) Spreng and *Anisomeles malabarica* (L) plant extracts against dengue vector mosquito *Aedes aegypti* (L) (Diptera : Culicidae).
- Samuel Tenyson, **Arivoli, S** and John William, S. 2017. Presented paper entitled "Indian Gharial (*Gavialis gangeticus* Gmelin, 1789)".
- Kamatchi, P.A.C., **Arivoli, S** and Maheswaran, R. 2017. Threats and conservation of Indian Elephant.

- Divya, S., Vanniamalar, R., Thilgavathy, S., Arivoli, S and Samuel Tenyson, 2017. Indian Peafowl Diversity - Threat or Treat.
- **Arivoli, S.** 2017. Phytochemical analysis and evaluation of *Cardiospermum halicacabum* (L.) (Sapindaceae) and *Chenopodium album* (L.) (Amaranthaceae) (122)
- Kamatchi, P.A.C., Maheswaran, R. and **Arivoli, S.** 2017. Larvicidal efficacy of *Cathranthus roseus* leaf extract against the dengue vector *Aedes Aegypti* held on 5th October 2017 at "National symposium on recent Scenario of Environmental pollution in India" at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- Divya, S and **Arivoli, S.** 2017. Screening of *Jasminum fluminense* Linnaeus leaf extracts for presence of phytochemicals held on 5th October 2017 at "National symposium on recent Scenario of Environmental pollution in India" at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- Divya, S. and **Arivoli, S.** 2017. Phytoremediation on heavy metals pollution held on 5th October 2017 in "National symposium on recent Scenario of Environmental pollution in India" at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- Divya, S. and **Arivoli, S.** 2017. Presented paper entitled "Identification of phytocompounds in *Abelmoschus manihot* (L.) using GC - MS study" in International conference on "**Recent advances in bioresource technology**" held on 15th -17th February 2017 at Department of Biotechnology, Thiruvalluvar University, Vellore 632 115, Tamilnadu, India.
- Divya, S. and **Arivoli, S.** 2017. Presented paper entitled "Study of phytocompounds in *Abelemoschus manihot* (L.) using GC- MS study" in National level seminar on "**Recent trends in biochemistry & biochemical technology**" held on 21st February 2017 at Department of Biochemistry King Nandhivarman College of Arts & Science, Thellar, 604 406, Vandavasi, Tamilnadu, India.
- Samuel Tennyson, Divya, A., Dons, N.J., Daniel Reegan, A., Raveen, R. and **Arivoli, S.** 2017. Presented paper entitled "Laboratory evaluation of silver nanoparticles synthesized Using *Allium fistulosum* Linnaeus (Amaryllidaceae) for Toxicity against *Aedes aegypti* Linnaeus, *Anopheles stephelesi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae), held on 27th February to 1st March 2017 at Hotel Crowne Plaza, Chennai jointly organized by National Academy of

Vectors and Vector borne Diseases (BNAVBD) and Central University of Tamilnadu (CUTN), Thiruvavarur, India.

- **Arivoli, S.**, Samuel Tennyson and Raveen, R. 2017. "Larvicidal efficacy of certain botanicals against three species of mosquito vectors" held on 27th February to 1st March 2017 at Hotel Crowne Plaza, Chennai jointly organized by National Academy of Vectors and Vector borne Diseases (BNAVBD) and Central University of Tamilnadu (CUTN), Thiruvavarur, India.
- Raveen, R., Samuel Tennyson and **Arivoli, S.** 2017. Evaluation of mosquito larvicidal activity of *Jasminum* species (Olaceae) crude flower extracts against *Aedes aegypti* Linnaeus and *Culex quinquefasciatus* Say (Diptera: Culicidae)" held on 27th February to 1st March 2017 at Hotel Crowne Plaza, Chennai jointly organized by National Academy of Vectors and Vector borne Diseases (BNAVBD) and Central University of Tamilnadu (CUTN), Thiruvavarur, India.
- Lokesh Kumar, Adline Jennefa Daniel, Lenin Kumar, E., Kanmani, S., **Arivoli, S.**, Samuel Tennyson and Raveen, R. 2017. Presented paper entitled "Adulticidal activity of *Nicotiana tabacum* Linnaeus (Solanaceae) Leaf extracts against *Cylas formicarius* Fabricius (Coleoptera : Brentidae)" in **National conference on Environmental protection and sustainability** held on December 31, 2016 and January 01, 2017 at Post Graduate and Research Department of Zoology, Sir Theagaraya College, Chennai.
- Raveen. R, Lenin Kumar, E., Samuel Tennyson, **Arivoli, S** and John William, S. 2017. Presented paper entitled "Evaluation of *Nicotiana tabacum* Linnaeus (Solanaceae) leaf extracts for toxicity against the larvae of *Culex quinquefasciatus* Say (Diptera : Culicidae)" in **National conference on Environmental protection and sustainability** held on December 31, 2016 and January 01, 2017 at Post Graduate and Research Department of Zoology, Sir Theagaraya College, Chennai.
- Samuel Tennyson, **Arivoli, S.**, Lenin Kumar, E., Raveen, R. and John William, S. 2017. Presented paper entitled "Ovicidal activity of *Cleistanthus collinus* Roxburgh (Euphorbiaceae) leaf extracts against vector mosquitoes (Diptera : Culicidae)" in **National conference on Environmental protection and sustainability** held on December 31, 2016 and January 01, 2017 at Post Graduate and Research Department of Zoology, Sir Theagaraya College, Chennai.

- Raveen, R. Samuel, T. and **Arivoli, S**, 2017. Sea fan (*Echinogorgia reticulata*) and its associated winged oyster (*Pteria tortirostris*). Fourth Indian Biodiversity Congress, March 10 - 12, 2017, Pondicherry University, Puducherry, India.
- Samuel, T., Raveen, R. and **Arivoli, S**, 2017. Vanishing foot paths of snow leopards. Fourth Indian Biodiversity Congress, March 10 - 12, 2017, Pondicherry University, Puducherry, India.
- Lenin Kumar, Lokesh Kumar, Kanmani Sekar, Adline Jennefa, Manickkam Jayakumar, **Subramanian Arivoli**, Samuel Tennyson and Raveen Rajasingh, 2017. Fumigant toxicity of *Nicotiana tabacum* Linnaeus (Solanaceae) leaf extracts against *Cylas formicarius* Fabricius (Coleoptera: Brentidae). International Conference on Emerging Trends in Integrated Pest and Disease Management for Quality Food Production, July 25-27, 2017, Kuching, Malaysia
- Divya, S. and **Arivoli, S**.2017. Screening of Phytochemicals in *Abelmoschus manihot* using GC - MS study held on 18 - 20th August 2017 on "International Conference on diabetes and Phytotherapy at Department of Biochemistry, Annamalai University, Chidambaram.
- Divya, S. and **Arivoli, S**. 2017. Screening of *Jasminum fluminense* Linnaeus leaf extracts for presence of phytochemicals held on 5th October 2017 at "National symposium on recent Scenario of Environmental pollution in India" at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- Divya, S. and **Arivoli, S**.2017. Phytoremediation on heavy metals pollution held on 5th October 2017 at "National symposium on recent Scenario of Environmental pollution in India" at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- Divya, S. and **Arivoli, S**. 2017. Phytochemical analysis and evaluation of *Cardiospermum halicabum* (L.) and *Chenopodium album* (L.) held on 5th and 6th October 2017 on National conference on Advancement of applied Zoology for sustainable development - Current trends and future perspectives at PG and Research department of Zoology, Pachaippa's College, Chennai
- Divya, S. and **Arivoli, S**. 2018. Benzene extract of *Abelmoschus manihot* against bacterial and fungal activities held on 29 to 31st August 2018 in "International conference on Recent Advances in Bioresources technology" at Department of Biotechnology, Thiruvalluvar University, Vellore, Tamilnadu, India.

- Divya, S., Madhavi, R. and **Arivoli, S.** 2018. Toxicity of pesticides in Aquatic ecosystem held on 7th & 8th September 2018 in "International conference on recent trends in pesticides development and registration" at International Institute of Biotechnology and Toxicology (IIBAT), Padappai, Kanchipuram, Tamilnadu, India.
- Chitra. K, Divya. S, and **Arivoli, S.** 2018. Chitosan Electrospun Nanofibers loaded with Pheromone used for plant protection held on 7th & 8th September 2018 in "International conference on Recent trends in pesticides development and registration" at International Institute of Biotechnology and Toxicology (IIBAT), Padappai, Kanchipuram, Tamilnadu, India.
- **Arivoli Subramanian** and Samuel Tennyson, 2018. Antifeedent activity, developmental indices and morphogenetic variations of plant extracts against *Spodoptera litutra* (Fab) held on 7th & 8th September 2018 in "International conference on Recent trends in pesticides development and registration" at International Institute of Biotechnology and Toxicology (IIBAT), Padappai, Kanchipuram, Tamilnadu, India.
- Samuel Tennyson, Raveen Rajasingh and **Arivoli Subramanian,** 2018. Biodiversity: Our Mother Earth held on 20th September 2018 in National Symposium on "**Biodiversity Perspectives**" at Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, 625 533, Theni, Tamilnadu, India.
- **Arivoli Subramanian,** Samuel Tennyson and Raveen Rajasingh, 2018. BIODIVERSITY THREATS held on 20th September 2018 in National Symposium on "**Biodiversity Perspectives**" at Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, 625 533, Theni, Tamilnadu, India.
- Raveen Rajasingh, Janani Sagadevan, Samuel Tennyson and **Arivoli Subramanian,** 2018. Diversity of Snakes rescued at Chennai, Tamilnadu, India held on 20th September 2018 in National Symposium on "**Biodiversity Perspectives**" at Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, 625 533, Theni, Tamilnadu, India.
- Kamatchi, P.A.C., Maheswaran, R., Sivanandan, S., Ramamnan, A.A. and **Arivoli, S,** 2020. Larvicidal activity of Ursolic acid isolated from *Catharanthus roseus* against *Anopheles stephensi* (Diptera : Culicidae) held on 3rd and 4th January 2020 in "**International Conference on Advances in Environmental and Health Sciences**" at Post Graduate and Research Department of Zoology, D.K.M. College for Women (Autonomous), Vellore 632 001, Tamilnadu.

- Divya, S., Arivoli, S. and Ramamnan, A.A, 2020. Advances in Stem Cell Therapy held on 3rd and 4th January 2020 in **“International Conference on Advances in Environmental and Health Sciences”** at Post Graduate and Research Department of Zoology, D.K.M. College for Women (Autonomous), Vellore 632 001, Tamilnadu.

Seminars/ Symposia/ Conferences/ Workshops/ Camps attended

- Participated in international conference on "*Biological control of vector with predaceous arthropods*" held on 7 - 10th January 1988, at Loyola College, Chennai
- Participated in "*Eco-development camp in wild life sanctuary*" held on 27th February to 3rd March 1991, at Mudumalai Sanctuary organized by Department of Zoology, Loyola College, Chennai
- Participated in seminar on "*Relevance of the environmental education*" held on 8- 9th February 1991, at Loyola College, Chennai
- Participated in national seminar on "*Natural resources management*" held on 5 - 6th October 1992, at Loyola College, Chennai
- Participated in "*Rotaract silver jubilee international conference*" held on 9 - 10th January 1993, at Kamaraj Memorial Hall, Chennai
- Participated in seminar on "*Sustainable development and sustainable utilization of natural resources*" held on 5 - 6th February 1993, at Loyola College, Chennai
- Participated in intercollegiate seminar on "*Health and environment*" held on 15th August 1993, at University of Madras, Chennai
- Participated in XII national symposium on "*Reproductive biology and comparative endocrinology*" held on 21 - 23rd January 1994, at Pondicherry University, Pondicherry
- Participated in seminar on "*Application of biotechnology in relation to environmental problems*" held on 17th February 1994, at Loyola College, Chennai
- Participated in international conference on "*Biodiversity, environmental and sustainable development*" held on 4 - 6th October 1994, at Sarojini Naidu Vanita Mahavidyalaya, Hyderabad, Andhra Pradesh
- Participated in the first international symposium on "*Vectors and vector borne diseases*" held on 12-15th November 1994 at Regional Medical Research Centre (ICMR) Bhubaneswar, Orissa
- Participated in seminar on "*Role of medical laboratory technologists in human health -with emphasis in under privileged people*" held on 24 - 25th February 1995, at Loyola College, Chennai

- Participated in workshop on "*Conservation of invertebrates in zoos*" held on 28-29th October 1995, at Arignar Anna Zoological Park, Chennai
- Participated in national seminar on "*The use of lignite fly ash in agriculture*" held on 20 -22nd December 1995, at Department of Entomology, Annamalai University, Tamil Nadu
- Participated in symposium on "*Recent trends in clinical analysis*" held on 6th March 1997, at Loyola College, Chennai
- Participated in the second international symposium on "*Vectors and vector borne diseases*" held on 17 -19th March 1997, at The Old Anchor, Goa
- Participated in workshop on "*Non-chemical methods for pest control and crop protection*" held on 7 - 9th April 1997, at Asha Nivas, Chennai
- Participated in national symposium on "*Biopesticides and insect pest management*" held on 26 - 27th February 1998, at Entomology Research Institute, Loyola College, Chennai.
- Participated in the third international symposium on "*Vectors and vector borne diseases*" held on 30th May - 1st June 1998, at Hotel Toshali Sands, Puri, Orissa
- Participated in national seminar on "*Living resources for the millennium 2000*" held on 3- 4th October 1998, at Loyola College, Chennai
- Participated in international conference on "*Environment and Bioethics*" held on 14 - 16th January 1999, at Loyola Institute of Frontier Energy, Loyola College, Chennai
- Participated in national symposium on "*Emerging trends in biotechnological applications for integrated pest management*" held on 25-26th February 1999, at Entomology Research Institute, Loyola College, Chennai, Tamilnadu
- Participated in seminar on "*Pesticides for urban and public health pest control*" held on 26th June 1999, at Hotel Savera, organized by National Institute of Pest Management and Research, Chennai
- Participated in national symposium on "*Profiles in aquatic insect biodiversity*" held on 23-24th July 1999, at Post Graduate and Research Department of Zoology, Loyola College, Organized by Loyola Aquatic insect Biodiversity Society (LABS), Chennai, Tamilnadu

- Participated in "Young Scientists conference on environment, health and food" held on 16-18th October 1999, at Loyola College, Chennai
- Participate in seminar on "Profiles in medical laboratory technology" held on 19th February 2000, at Loyola College, Chennai
- Participated in seminar on "Poultry industry - A boon to the Indian society for the eradication of malnutrition and unemployment" held on 15th March 2000, at Loyola College, Chennai
- Participated in national symposium on "Pest management strategies: Current trends and future prospects" held on 1-2nd February 2001, at Entomology Research Institute, Chennai
- Participated in national seminar on "Biotechnological and immunological strategies for research" held on 15-16th March 2001, at University of Madras, Chennai
- Participated in seminar on "Poultry for sustainable food production and livelihood" held on 4 -5th October 2001, at Loyola College, Chennai
- Participated in national seminar on "Comparative animal physiology for 21st century" held on 13-15th December 2001, at Department of Zoology, Goa University, Taleigao Plateau, Goa
- Participated in national symposium on "Biological control of insect pests" held on 7 - 8th February 2002, at Entomology Research Institute, Loyola College, Chennai
- Participated in national symposium on "Physiology and biochemistry of cultivable crustaceans" held on 18 -19th February 2002, at University of Madras, Chennai
- Participated in national conference on "Management of natural resources for our sustenance" held on 3-5th October 2002, at Loyola College, Chennai, Tamilnadu
- Participated in national symposium on "Sustainable insect pest management " held on 6 - 7th February 2003, at Entomology Research Institute, Loyola College, Chennai
- Participated in state level conference on "Popularizing eco-friendly practices in educational Institutions" held on 6-7th March 2003, at Loyola College, Organized by Enviro Club of Loyola, Loyola College, Chennai

- Participated in national conference on "*Conservation of coastal ecosystems with the help of biotechnological tools*" held on 8-10th September 2003, at Loyola College, Chennai
- Participated in state level conference on "*HIV/ AIDS awareness for college students*" held on 15-16th September 2003, at Loyola College, Chennai
- Participated in state level seminar on "*Poultry*" held on 1-3rd December 2003, at Loyola College, Chennai
- Participated in symposium on "*Current trends in laboratory techniques for the diagnosis of human disorder*" held on 16th December 2003, at Loyola College, Chennai
- Participated in national symposium on "*Green pesticides for insect pest management*" held on 5-6th February 2004, at Entomology Research Institute, Loyola College, Chennai
- Participated in national seminar on "*Aquaculture - Prospects and problems*" held on 27-29th March 2004, at The Institute of Science, Mumbai 400 032
- Participated in national seminar on "*Healthy environment for the next generation*" held on 2 -4th December 2004, at Loyola College, Chennai
- Participated in state level symposium on "*Hi-Tech and instrumentation in medical laboratory technology for the diagnosis of human diseases*" held on 10 - 11th December 2004, at Loyola College, Chennai
- Participated in national seminar on "*Healthy environment for the next generation*" held on 2-4th December 2004 at Loyola College, Chennai, Tamilnadu
- Participated in national symposium on "*Biodiversity and insect pest management*" held on 3-4th February 2005, at Entomology Research Institute, Loyola College, Chennai
- Participated in symposium on "*Tsunami - Bio-geoinformatics 2005*" held on 28th February - 1st March 2005, at Loyola College, Chennai
- Participated in national conference on "*Tsunami and disaster management*" held on 30-31st August 2005, at Loyola Institute of Frontier Energy (LIFE), at Loyola College, Chennai

- Participated in national conference on "*Safe environment for the future generations*" held on 1-2nd September 2005, at Auxilium College, Vellore 632 006
- Participated in seminar on "*Sustainable and eco-friendly aquaculture*" held on 16 -17th November 2005, at VSR & NVR College, Tenali 522 201, Andhra Pradesh
- Participated in regional workshop on "*Recent trends in techniques of medical laboratory technology and biotechnology*" held on 19 -30th December 2005, at Loyola College, Chennai
- Participated in national conference on "*Biodiversity*" held on 30 - 31st January 2006, at Loyola College, organized by National Biodiversity Authority of India , Chennai
- Participated in national symposium on "*Biotechnology and insect pest management*" held on 2 - 3rd February 2006, at Entomology Research Institute, Loyola College, Chennai
- Participated in "*National congress of entomology*" held on 15-17th March 2006, at Punjabi University, Patiala, Punjab
- Participated in national workshop on "*Integrated mosquito management and future directives*" held on 8 -9th January 2007, at P.G. College of Science, Osmania University, Hyderabad 500 004, Andhra Pradesh
- Participated in symposium on "*Current trends in laboratory techniques for the diagnosis of human viral infections*" held on 25th January 2007, at Loyola College, Chennai
- Participated in national symposium on "*Recent trends in insect pest management*" held on 1-2nd February 2007, at Entomology Research Institute, Loyola College, Chennai
- Participated in national seminar on "*Mosquito biodiversity and challenges in the control of mosquito-borne diseases*" held on 19 - 20th February 2007 at Loyola College, Chennai
- * Participated in international workshop on "*Gulf of mannar biosphere reserve: An ecological model for biodiversity conservation livelihood and sustainability*" held on 20 - 21st September 2007 at Hotel GRT Grand, Chennai, organized by National Biodiversity Authority of India, Govt. of India, Chennai

- * Participated in "*Biopesticide international conference (BIOCICON)*" held on 28 -30th November 2007 at St. Xavier's College, Palayamkottai, Tamilnadu
- * Participated in regional symposium on "*Newer challenges in laboratory diagnosis for life style diseases*" held on 17 - 18th December 2007 at Loyola College, Chennai, Tamilnadu
- * Participated in national seminar on "*Biodiversity conservation and environmental biotechnology*" held on 23 - 24th January 2008 at VSR & NVR College, Tenali 522 201, Andhra Pradesh
- * Participated in national conference on "*Eco-friendly insect pest management*" held on 7 - 8th February 2008 at Entomology Research Institute, Loyola College, Chennai
- * Participated in state level symposium on "*Role of laboratories in trauma care and pre-emptive prevention of human diseases*" held on 17 - 18th December 2008 at Loyola College, Chennai
- * Participated in international congress on "*Global warming on biodiversity of insects management conservation (GW -BIMC'09)*" held on 9 - 12th February 2009 at Bharathiyar University, Coimbatore
- * Participated in international conference on "*Medicinal plants and herbal drugs : Challenges and opportunities in cultivation sustainable utilization and conservation (ICMPHD '10)*" held on 4 - 6th March 2010 at Pachaiyappa's College, Chennai
- * Participated in a symposium on "*Challenges in education - Sri Sathya Sai Educare - A holistic solution*" held on 3rd October 2010 at D. G. Vaishnav College, Chennai, organized by Sri Sathya Sai organisations, Tamilnadu
- * Participated in 98th "Indian Science Congress" held on 3 - 7th January 2011 at S.R.M. University, Kattankolathur, Chennai
- * Participated in national seminar on "Harmful /Beneficial insects of agricultural importance with special reference to the nuisance pest *Luprops tristis* in rubber plantations" held on 17 & 18th February 2011 at St. Joseph's College, Calicut, Kerala
- * Participated in national conference on "Scientific documentation of life of butterflies - need, process and importance" held on 5 & 6th March 2011 at St. Philomena's College, Mysore, Karnataka

- * Participated in "Golden jubilee celebrations and environmental awareness programme" held on 22nd July 2011 at Zoological Survey of India, Chennai 600 028
- * Participated in "International conference on Frontiers in pharmaceutical chemistry and biologics - An interdisciplinary approach" held on 29 - 30th July 2011 at Women's Christian College, Chennai 600 006
- * Participated in "National conference on environmental protection and management" held on 29 - 30th August 2011 at Loyola College, Chennai 600 034
- * Participated in "National education day celebration" held on 14th November 2011 at Tamilnadu Open University, Saidapet, Chennai 600 015
- * Participated in "International workshop on Geometric Morphometrics" held on 20 -30th March 2012 at Centre for Environmental Management of Degraded Ecosystems (CEMDE) Delhi University, Delhi 110 007
- * Participated in medical camp for poor people held on 22nd April 2012, at Ammaiappanallur village, Uthiramerur, Kanchipuram District, organized by SPROUT charitable trust, Chennai
- * Participated in "International conference on Vector Borne Diseases- combat and control" held on 22 -23rd January 2014 at Justice Basheer Ahamed Sayeed College for Women, Chennai, Tamilnadu
- * Participated in "Regional symposium on Recent Trends in Medical Laboratories in relation to lifestyle diseases" held on 13th September 2014 at Shri Academy for paramedical Education, Chennai, Tamilnadu
- * Participated in "National conference on Bioprospecting - Discovery of natural Bioactive molecules" held on 9 -10th October 2014 at D.K.M. College for Women, Vellore, Tamilnadu
- * Participated in "Shaksham -IT Champion Training Programme (Faculty Empowerment Programme)" held on 5 -10th January 2015 at Thiruvalluvar University, Vellore, Tamilnadu organized by Microsoft
- * Participated in "National symposium on Biodiversity (NSBIO 2015)" held on 18 -20th February 2015 at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu

- * Participated in "National seminar on New perspectives in Biotechnology for Human welfare" held on 1st March 2015 at Department of Biotechnology, Islamiah College, Vaniyambadi, Tamilnadu.
- * Participated in "National seminar on recent trends in Biological Sciences" held on 26th August 2015 at Department of Zoology, Government Arts College (Men), Krishnagiri, Tamilnadu, India.
- * Participated in "International conference on "Recent trends in Biological Sciences" held on 25th January 2016 at Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, Theni, Tamilnadu, India.
- * Participated in "National conference on Public Health and Hygiene" held on 4th and 5th February 2016 at Post Graduate and Research Department of Zoology, Periyar Government Art College, Cuddalore, Tamilnadu, India.
- * Participated in "International conference on Recent Advances in Life Sciences" held on 11-13th February 2016 at Department of Zoology, Ethiraj College for Women, Chennai, Tamilnadu, India.
- * Participated in "National seminar on Recent Trends in Biological Sciences - Research and Applications" held on 19 -20th August 2016 at Department of Zoology, Meenakshi College for Women, Chennai 600 024, Tamilnadu.
- * Participated in "State level seminar on Challenging Trends in Bioscience -2016" held on 20th August 2016 at Department of Biochemistry, K.M.G. College of Arts and Science, Gudiyattam, 635 803, Tamilnadu.
- * Participated in "International symposium on Conservation of Aquatic and Terrestrial biodiversity" held on 27-30th September 2016 at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- * Participated in ""National Seminar on Emerging Trends in Control of Vectors and Vector Borne Diseases" held on 29-30th September 2016 at PG and Research Department of Zoology, Nehru Memorial College, Puthannampatty, 621 007, Tiruchirappalli.
- * Participated in "State level seminar on Recent Advances in Biological Sciences" held on 3rd October 2016 at P.G & Research Department of Zoology, Arignar Anna Government Arts College, Cheyyar 604 407, Thiruvannamalai.

- * Participated in "National Seminar on Innovative Technologies in Insect Science" held on 14th October 2016 at Department of Advanced Zoology and Biotechnology, Guru Nanak College, Chennai, Tamilnadu, India organized by Entomology Academy of India.
- * Participated in "Zonal level orientation programme for YRC volunteers and YRC programme officers" held on 25th to 27th October 2016 at Thiruvalluvar University, Vellore, Tamilnadu, India.
- * Participated in Young scientists' Conference on Faunal Diversity held on 5 & 6th December 2016 at Department of Zoology, Loyola College, Chennai.
- * Participated in "National workshop on Biodiversity Conservation" held on 2 & 3rd February, 2017 at Department of Zoology, University of Madras, Guindy campus, Chennai, 600 025.
- * Participated in "National workshop on Biodiversity Conservation" held on 2 & 3rd February, 2017 at Department of Zoology, University of Madras, Guindy campus, Chennai, 600 025.
- * Participated in "International conference on recent advances in bioresource technology" held on 15th -17th February 2017 at Department of Biotechnology, Thiruvalluvar University, Vellore 632 115, Tamilnadu, India.
- * Participated in "National level seminar on "Recent trends in biochemistry & biochemical technology" held on 21st February 2017 at Department of Biochemistry King Nandhivarman College of Arts & Science, Thellar, 604 406, Vandavasi, Tamilnadu, India.
- * Participated in "Thirteenth conference on vectors and vector - borne diseases" held on 27th February to 1st March 2017 at Hotel Crowne Plaza, Chennai jointly organized by National Academy of Vectors and Vector borne Diseases (NAVBD) and Central University of Tamilnadu (CUTN), Thiruvallur, India.
- * Participated in "International workshop on awareness for conservation and sustainable use of biodiversity in India" held on 18th -19th September 2017 at Department of Zoology, Thiruvalluvar University, Vellore 632 115, Tamilnadu, India. organized by Departmental of Zoology in collaboration with National Biodiversity Authority (NBA), Chennai, 600113.
- * Participated in "National symposium on recent Scenario of Environmental pollution in India" held on 5th October 2017 at Department of Zoology, Thiruvalluvar University, Vellore 632 115, Tamilnadu, India.

- * Participated in "National conference on advancements of applied zoology for sustainable development, current trends and future perspectives (NCAAZSO 2017)" held on 5th and 6th October 2017 at Post Graduate and Research Department of Zoology, Pachaiyappa's College, Chennai, 600 030, Tamilnadu, India.
- * Participated in "International conference on Recent Advances in Bioresources technology" held on 29 to 31st August 2018 at Department of Biotechnology, Thiruvalluvar University, Vellore, Tamilnadu, India.
- * Participated in "National Symposium on "Biodiversity Perspectives" held on 20th September 2018 at Department of Zoology, Hajee Karutha Rowthar Howdia College, Uthamapalayam, 625 533, Theni, Tamilnadu, India.
- * Participated in "Awareness workshop on Biodiversity and Bioresources" held on 10 & 11th October 2018 at Department of Zoology, D.K.M. College for Women (Autonomous), Vellore 632 001, Tamilnadu, India.
- * Participated in "National Symposium on "Plastic pollution" held on 15 & 16th February 2019 at Department of Zoology, Vikrama Simhapuri University Post Graduate Centre, Kavali, Nellore District, Andhra Pradesh, India.
- * Participated in "National Conference on Higher Education, Taxonomy, Agriculture, Biotechnology and Toxicology" held on 17th November 2019, at Hotel Vijay Park, Chennai, organized by Dr. B.Vasantharaj David Foundations, Chennai 600 125.
- * Participated in "International Conference on "Advances in Environmental and Health Science" held on 3 & 4th January 2020 at Department of Zoology, DKM College for Women, Vellore 632 001.
- * Participated in "Thiruvalluvar University inter collegiate cultural retreat 2020" held on 10th January 2020 at Thiruvalluvar University, Vellore organized by Centre for Outreach, Thiruvalluvar University, Vellore 632 115.
- * Participated in "International Conference on Environmental, Agricultural, Chemical and Biological Sciences (ICEACBS 2020) held on 25th January 2020, at Hotel Anantha Inn, Puducherry, organized by Pondicherry Institute of Agricultural Sciences, Pudhucherry.

- * Participated in One day National conference on "Environmental Sustainability Health and Pollution Abatement (NCESHPA)" held on 02nd March 2020 at Department of Zoology, Muqyyath Sha Sirguro Wakf Board College, Madurai 20.
- * Participated in One day workshop on "Capacity Building for Research and Career Progression" held on 08th February 2021 at Thiruvalluvar University, Vellore 632 115.
- * Participated in Six days Virtual Faculty Development Programme in Recent trends in Entomology held on 28th March to 2nd April 2022 at V.O.Chidambaram College, Thoothukudi 628 008.
- * Participated in Two days "In-service teacher training programme in Life Sciences" held on 05th and 6th May 2022 at Thiruvalluvar University, Vellore 632 115 organized by Tamilnadu State Council for Higher Education, Chennai 600 05.
- Participated in International Webinar on "*Development of Antibody - Based Theranostic Radiopharmaceutical for triple negative Breast Cancer*" held on 17th August 2023, at Auxilium College, Vellore 632 006.
- *