

Date of Birth & Age	09 th March 1984; 38 years
Sex & Nationality	Male; Indian
Marital Status	Married
Permanent Address	6/1333-25B, R.S Nagar, Virudhunagar, Tamilnadu, India PIN Code - 626 001 Mobile : +91 9944087450 E mail : periyakaruppiah@vhnsnc.edu.in (official) dr.p.karu@gmail.com (Personal)

EDUCATION

- 2014 Ph.D., Botany**, V.H.N.S.N. College (Autonomous), Virudhunagar (affiliated to Madurai Kamaraj University), India
- Thesis:** Studies on the UV-B Damage and DNA Photorepair in different cultivars of *Vigna mungo* using molecular and tissue culture tools and techniques.
- Guidance:** **Dr. M. JAYAKUMAR**, Associate Professor, Department of Botany (DST-FIST Sponsored), V.H.N.S.N. College (Autonomous), Virudhunagar. Former Registrar, Thiruvalluvar University, Vellore.
- Co-Guidance:** **Dr. K. RAJARATHINAM**, Associate Professor, Department of Botany (DST-FIST Sponsored), V.H.N.S.N. College (Autonomous), Virudhunagar.
- 2007 M.Sc., Botany**, First Class, V.H.N.S.N. College (Autonomous), Virudhunagar (affiliated to Madurai Kamaraj University), India
- 2005 B.Sc., Botany**, Second Class, V.H.N.S.N. College (Autonomous), Virudhunagar (affiliated to Madurai Kamaraj University), India

TEACHING EXPERIENCE

2018- Till date : Assistant Professor of Botany, VHNSN College (Autonomous), Virudhunagar.

2014-2018 : Four years teaching experience in Under Graduate (Botany) at Yadava College, Madurai.

2014-2016 : Two years teaching experience in Post Graduate Assistant Professor (Botany), Madurai Kamaraj University DDE study centre, Kovilpatti.

POSITIONS HELD

2018 - Till Date Assistant Professor of Botany, VHNSN College (Autonomous), Virudhunagar

2014 – 2018 Assistant Professor of Botany, Yadava College (Autonomous), Madurai

2013- 2014 Coordinator, Sapthaagiri Rehabilitation trust, Virudhunagar

Sl.No	CONTENTS	TOTAL NUMBERS
1.	Board of Studies / Valuation/ Question Setter	4
2.	Seminar / Conference/ Workshops Organized	13
3.	Editorial Member	2
4.	Resource Person/ Chair Person/ Doctoral Committee	9
5.	Research Paper Oral/ Poster Presentation	25
6.	Publications	10
7.	Book Chapter	1
8.	Participation in Orientation Programme/ Refresher Course	5
9.	Participation in Faculty Development Program (FDP)	8
10.	Participation in Seminar / Conference/ Workshops	42

BOARD OF STUDIES / VALUATION/ QUESTION SETTER

2022 Served as External practical Examiner for April – 2022 held at Department of Botany, Government Arts & Science College, Sivakasi on 30th May 2022 to 3rd June 2022.

2018 Question setter at Madras University, Chennai

2015-2017 Question setter at Periyar University, Salem.

2017 Served as External practical Examiner for April – 2017 held at Department of Botany, SFR College, Sivakasi.

SEMINAR / CONFERENCE/ WORKSHOPS ORGANISED

2022 Served as Executive Member for the Mega Job Fair-2022, organized by Centre for Placement and Training V.H.N.S.N. College (Autonomous), Virudhunagar and collaboration with Ekalaiv Tech Private Limited on 11th June 2022.

2021 Served as organizing Secretaries in the online Quiz on Biodiversity and Conservation, organized by Department of Botany, V.H.N.S.N.College (Autonomous), Virudhunagar, 13th September 2021 to 15th September 2021.

2021 Served as Committee Member in the accentuate activities of the General Library, organized by V.H.N.S.N.College (Autonomous), Virudhunagar on 8th November 2021.

2021 Served as Organizing Committee Member in the National seminar on “Role of Biotechnology in Conservation of Plant Genetic Resources” organized by VHNSN College (Autonomous), Virudhunagar, Tamilnadu, PEARL - A Foundation for Educational Excellence, Bengaluru, Karnataka and Society for Plant Research, Greater Noida, Uttar Pradesh on 20th March 2021.

2020 Served as Organizing Committee member in the “Indo-Malaysian Workshop On Statistical Application For Physical, Chemical, Biological, Computer & Social Sciences” organized by V.H.N.S.N.College (Autonomous), Virudhunagar, Tamilnadu and PEARL-A Foundation for Educational Excellence, Bangalore, Karnataka on 6th to 8th November 2020.

2020 Served as Organizing Committee Member in the “International Virtual Conference on Recent Trends & Innovations in Science, Engineering And Social Sciences” organized by

- VHNSN College (Autonomous), Virudhunagar, Tamilnadu and PEARL - A Foundation for Educational Excellence, Bengaluru, Karnataka from 4th September to 6th September 2020.
- 2020** Served as Organizing Committee Member in the Five days Faculty Development Program on “Agriculture, Environment and Climate Change” organized by VHNSN College (Autonomous), Virudhunagar, Tamilnadu and PEARL - A Foundation for Educational Excellence, Bengaluru, Karnataka from 20th July 2020 to 24th July 2020.
- 2020** Served as Organizing Committee Member in the Five days Faculty Development Program on “Assessment, Accreditation and Quality Assurance in Higher Education Institutions” organized by VHNSN College (Autonomous), Virudhunagar, Tamilnadu and PEARL - A Foundation for Educational Excellence, Bengaluru, Karnataka from 20th July 2020 to 24th July 2020.
- 2020** Served as Organizing Committee Member in the “International Webinar on Silicon: Plant Saviour” organized by Department of Botany V.H.N.S.N. College (Autonomous), Virudhunagar on 23rd June 2020.
- 2020** Served as a Organizing Committee Member in the National Level Webinar on "Recent Trends in Energy, Environment and Technology“ organized by V.H.N.S.N. College (Autonomous), Virudhunagar, Tamilnadu and PEARL-A Foundation for Educational Excellence, Bangalore, Karnataka on 09th June 2020.
- 2019** Served as Organizing Member in the National Level Webinar on “Plant Emerging Trends in Sciences” Sponsored by the UGC Autonomy Grant, organized by the Department of Botany, V.H.N.S.N.College (Autonomous), Virudhunagar on 18th September 2019.
- 2015** DST-INSPIRE Science camp-2015 with special reference to India-based Neutrino Observatory (INO), Sponsored by the Department of Science & Technology (DST), New Delhi 23rd – 27th December 2015 held at Yadava College, Madurai as an Organizing member.
- 2016** 2nd DST- INSPIRE Science Camp 2016, 23rd – 27th August – 2016 Sponsored by the Department of Science & Technology (DST), New Delhi held at Yadava College, Madurai as an Organizing member.

EDITORIAL MEMBER

2017 College Magazine, Year 2016-217 Yadava College, Madurai.

2015 International Journal of Current Science Research (ISSN: 2454 – 5422)

Department of Botany, Impact Factor 0.676

RESOURCE PERSON/ CHAIR PERSON/ DOCTORAL COMMITTEE

2022 Acted as Chairperson on Intra Departmental Symposium “MICROBIOME II” Organized by PG & Research Department of Microbiology, V.H.N.S.N. College (Autonomous), Virudhunagar on 29th March 2022.

2021 Served as Resource Person in 28th National Children’s Science Congress, Tamilnadu Sponsored by NCSTC, DST, Government of India held at Virudhunagar on 2021.

2021 Served as Guest speaker on Entrepreneurial Training Program conducted by Department of Economics, V.H.N.S.N. College (Autonomous), Virudhunagar from 20th November 2021.

2020 Acted as Session Chair in International Virtual Conference on Recent trends & innovations in Science, Engineering and Social Sciences (IVCRTISESS-2020) Organised by Senthil Research Advocacy forum, V.H.N.S.N. College (Autonomous), Virudhunagar and PEARL – A Foundation for Educational Excellence, Bengaluru from 4th September 2020 to 6th September 2020.

2020 Served as Resource Person in CSIR, GOI-MOES and UGC sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (NCETNCB – 2020). MGR College, Hosur on 30th and 31st January 2020.

2020 Acted as Session Chair in CSIR, GOI-MOES and UGC sponsored “8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (NCETNCB – 2020). MGR College, Hosur on 30th and 31st January 2020.

2019 Served as Resource Person in TNSCST sponsored and Supported “Young Students Scientist Programme (YSSP -2018) conducted by V.H.N.S.N. College (Autonomous), Virudhunagar from 23rd December 2018 to 6th January 2019.

- 2017-2020** Acted as Doctoral Committee Member for Ms. S. Vasuki, Full Time Research Scholar, PG and Research Centre in Biotechnology, MGR College, Hosur affiliated to Periyar University, Salem during the year 2017-2020.
- 2018** Resource Person & Chairperson on DST-SERB Sponsored 6th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Biomaterials and Application. MGR College, Hosur. 31st January & 1st February 2018.

RESEARCH PAPER ORAL/POSTER PRESENTATION

- 2020 P. Periyakaruppiyah**, M. Eyini and M. Jayakumar (2020). Influence of Increased Solar UV-B Radiation Changes in Non-Photosynthetic Pigments on *Vigna mungo* Cultivars. *In: International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS 2020)* organised by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru during 4th – 6th September 2020. ISBN : 978-93-81723-96-8.
- 2020 D. Packialakshmi**, Archana P Raj and **P. Periyakaruppiyah** (2020). “Effects of UV-B Radiation on the Changes of Photosynthetic Pigments and Non-Photosynthetic Pigments of *Phyllanthus niruri* - A Medicinal Plant”. *In: International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS 2020)* organised by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru during 4th – 6th September 2020. ISBN : 978-93-81723-96-8.
- 2020 P.Gopika** and **P.Periyakaruppiyah** (2020). Effect of Enhanced UV-B Radiation on Phenolic Compounds in *Tribulus terrestris*. *In: International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS 2020)* organised by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru during 4th – 6th September 2020. ISBN : 978-93-81723-96-8.
- 2020 Kavya Krishnan**, **P. Periyakaruppiyah** and G. Prem Kumar (2020). PHA Production Using Groundnut shell as Substrate by *Bacillus circulans* (MTCC 8167). *In: International Virtual Conference on Recent Trends & Innovations in Science,*

- Engineering and Social Sciences (IVCRTISESS 2020) organised by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru during 4th – 6th September 2020. ISBN : 978-93-81723-96-8.
- 2020** P. Mageshwaran and **P. Periyakaruppiyah** (2020). Influence of UV-B Radiation on Secondary Metabolites in *Psidium guajava*. In: International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS 2020) organised by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru during 4th – 6th September 2020. ISBN : 978-93-81723-96-8.
- 2020** T.Sreeshma and **P.Periyakaruppiyah** (2020). Molecular Basis of Abiotic Stress (UV-B Radiation) in *Oryza sativa*. In: International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS 2020) organised by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru during 4th – 6th September 2020. ISBN : 978-93-81723-96-8.
- 2020** G. Samayamuthu and **P. Periyakaruppiyah** (2020). Effect of Ultraviolet-B Radiation on Chlorophyll, Carotenoid, and Flavonoids Contents of *Phyllanthus niruri*. In: International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS 2020) organised by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru during 4th – 6th September 2020. ISBN : 978-93-81723-96-8.
- 2020** Kavya Krishnan, P. Gopika and **Periyakaruppiyah** (2020). Microalgae Starch Based Bio - Plastics from *Chlorella* sp. and *Chlamydomonas reinhardtii*. In: CSIR, GOI-MOES and UGC sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (8th NCETNCB – 2020). MGR College, Hosur. 30th and 31st January 2020. Abstract No. ABT-213.
- 2020** P. Mageshwaran and **P. Periyakaruppiyah** (2020). Impact of UV-B radiation on Secondary Metabolites in *Tribulus terrestris*. In: CSIR, GOI-MOES and UGC sponsored

8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (8th NCETNCB – 2020). MGR College, Hosur. 30th and 31st January 2020. Abstract No. ABT-195.

- 2020** D. Packialakshmi and **P. Periyakaruppiyah** (2020). Effects of UV-B Radiation on the Changes of Photosynthetic Pigments and Non-Photosynthetic Pigments of Phyllanthus Niruri - A Medicinal Plant. In: CSIR, GOI-MOES and UGC sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (8th NCETNCB – 2020). MGR College, Hosur. 30th and 31st January 2020. Abstract No. ABT-194.
- 2020** C. Sathiya Narayanan, E. Nivetha and **P. Periyakaruppiyah** (2020). Comparative Study of Water Purification using Strychnos potatorum Seed Powder and Phyllanthus emblica Wood. In: CSIR, GOI-MOES and UGC sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (8th NCETNCB – 2020). MGR College, Hosur. 30th and 31st January 2020. Abstract No. ABT-193.
- 2020** **P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar. Presented a paper entitled “Influence of increased solar UV-B radiation changes in non-photosynthetic pigments on Vigna mungo cultivars” in International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS-2020) organized by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar and PEARL - A Foundation for Educational Excellence, Bengaluru from 4th September 2020 to 6th September 2020.
- 2020** **P. Periyakaruppiyah**, M. Eyini, and M. Jayakumar (2020). Presented a paper entitled “Effect of UV-B Irradiation in In-Vitro Culture of Black Gram Cultivars”. In 8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (NCETNCB – 2020). MGR College, Hosur on 30th and 31st January 2020.
- 2018** **P. Periyakaruppiyah**, M. Eyini, and M. Jayakumar (2018). Impact of UV-B radiation on secondary metabolites in medicinal plant. Oral presentation *In*: National Conference on

Emerging Trends in exploring phytochemicals and Biomolecules for disease cure. Rev. Jacob Memorial Christian College, Ambilikai 6th February 2018.

- 2018 P. Periyakaruppiyah, M. Eyini, and M. Jayakumar (2018).** Impact of UV-B radiation on secondary metabolites in *Alternanthera sessilis* -a medicinal plant. Oral presentation *In:* DST-SERB Sponsored 6th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Biomaterials and Application. MGR College, Hosur. 31st January & 1st February 2018.
- 2017 P. Periyakaruppiyah, M. Eyini, K. Rajarathinam and M. Jayakumar (2017).** Influence of UV-B ((280-320 nm) Irradiation on the Suspension Callus Cells of *Vigna Mungo* Vamban Cultivars. Oral presentation *In:* DST-SERB Sponsored 5th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Free Radicals and Antioxidants. MGR College, Hosur. 2nd & 3rd February 2017.
- 2016 Periyakaruppiyah Periyasamy, (2016).** Photochemical and biochemical changes in black gram cultivars exposed to supplementary ultraviolet-B radiation. Poster presentation *In:* One day National Symposium on "Recent Developments in Chemistry" (RDC-2016). Organized by Department of Chemistry, Madurai Kamaraj University, Madurai. 4th June 2016. Abstract No. 37
- 2016 P. Periyakaruppiyah, M. Eyini, K. Rajarathinam and M. Jayakumar (2016).** Effect of UV-B irradiation in *in-vitro* suspension culture from leaf explants of *Vigna mungo*. Oral presentation *In:* DST-SERB Sponsored 4th National Conference on Emerging Trends and New Challenges in Biotechnology – Bioenergy: A Step Towards Sustainable Future. Organized by PG and Research Centre in Biotechnology, MGR College, Hosur. 8th & 9th February 2016.
- 2014 P. Periyakaruppiyah, M. Eyini and M. Jayakumar (2014).** Effect of enhanced UV-B irradiation on photosynthetic pigments and non- photosynthetic pigments of different cultivars of *Vigna mungo*. Oral presentation *In:* UGC sponsored National seminar, Organized by Department of Botany and Department of Zoology, Arumugam pillai seethai Ammal College, Thiruppathur 5th & 6th September 2014.
- 2014 Periyakaruppiyah. P (2014).** Some Medicinal Plants on Karandamalai Hills of Dindigul District, Tamilnadu. Oral presentation *In:* UGC sponsored National seminar on Biovision

- 2014, Organized by Department of Botany and Department of Zoology, Arumugam pillai seethai Ammal College, Thiruppathur 5th & 6th September 2014.
- 2014 P. Periyakaruppiah** P. Seetharaman, M. Eyini and M. Jayakumar (2014). Influence of enhanced UV-B (285-320 nm) radiation changes on the morphology and in allelochemicals (secondary metabolites) content in *Adhatota vasica*. In: 7th World Congress on Allelopathy, Complex Interactions in a Changing Climate Vigo - Spain. July 28th - August 1st, 2014.
- 2012 P. Periyakaruppiah**, M. Jayakumar and K. Rajarathinam (2012). Effect of UV-B on enhancement of Anthocyanin and Flavonoids contents in the Different Cultivars of *Vigna mungo*. Oral presentation In: National seminar on Herbal Wealth-Traditions and New Approaches, Organized by Department of Botany, Nesamony Memorial Christian College, Marthandam on 27th & 28th January 2012.
- 2010** P. Benjamin Jeya Rathna Kumar, **P. Periyakaruppiah**, S. Jeyakumar, K. Rajarathinam and M. Jayakumar (2010). Influence of enhanced UV-B (285-320 nm) radiation on secondary metabolites in *Justicia gendarussa* Burm.f.-a medicinal plant. Oral Presentation In: International Conference on Medicinal Plants and Herbal Drugs: Challenges and Opportunities in cultivation Sustainable Utilization and Conservation (ICMPHD 2010), Pachaiyappa's College, Chennai. 4th to 6th March 2010.
- 2008** V. Selvakumar, **P. Periyakaruppiah**, K. Rajarathinam and M. Jayakumar. (2008). Effect of UV-B (280-320 nm) on the Enhancement of Allelochemicals (phenols) in *Catharanthus roseus*. Oral presentation In: 5th World Congress on Allelopathy "Growing Awareness of the Role of Allelopathy in Ecological, Agricultural, and Environmental Processes", The Saratoga Hilton, Saratoga Springs, New York, USA. 21st to 25th September 2008. Abstract No.160
- 2008** P.Nagarajan, **P. Periyakaruppiah**, G. Premkumar, S. Muthuramkumar, K. Rajarathinam and M. Jayakumar. (2008). Effect of enhanced UV-B (280-320nm) radiation on the changes in the secondary metabolites content in *Vitex negundo*- a medicinal plant. Oral Presentation In: National Conference on Cultivation, Processing and Bioprospecting of Ethnomedicine (NCCPBE), Sri Parasakthi College for Women, Courtallam, 24th to 26th March 2008.

PUBLICATIONS

- 2020 P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar (2020). Effect of UV-B Irradiation in In-Vitro Culture of Black Gram Cultivars. In: Proceedings of the 8th National Conference on Emerging Trends and New Challenges in Biotechnology - An Insight on Environmental Toxicology (8th NCETNCB – 2020). Page No. 396-400. ISBN: 978-93-5396-157-2.
- 2020 P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar (2019). Effect of UV-B radiation exposed to callus in *Vigna mungo* cultivars., In: Proceedings of the DSTSERB Sponsored 7th National Conference on Emerging Trends and New Challenges in Biotechnology - Advances in Bioplastics (7th NCETNCB – 2019). Page No. 1-6. ISBN: 978-93-5351-226-2
- 2017 P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar (2017). Influence of UV-B ((280-320 nm) Irradiation on The Cell Culture of *Vigna mungo* Cultivars, In: Proceedings of the DST-SERB Sponsored 5th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Free Radicals and Antioxidants. Page No. 338-346. ISBN: 978-81-924478-0-3.
- 2016 P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar (2016). Influence of enhanced UV-B radiation in *in-vitro* propagation of black gram cultivars. *Asian Journal of Science and Technology*. **7**(6): 3051-3054. Impact Factor: 5.544
- 2016 P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar (2016). Effect of UV-B irradiation in *in-vitro* suspension culture from leaf explants of *Vigna mungo*. *South Asian Journal of Engineering and Technology*, **2**(24): 30-34.
- 2016 P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar (2016). Effect of UV-B irradiation in *in-vitro* propagation of *Vigna mungo* cultivars. *International Journal of Current Science Research*. **2**(5): 677-683. Impact Factor: 0.676
- 2016 P. Periyakaruppiyah**, M. Eyini, K. Rajarathinam and M. Jayakumar (2016). Effect of UV-B (280-320 nm) radiation in IN-VITRO culture from callus explant of black gram cultivars. *International Journal of Current Science Research*. **2**(4): 518-523. Impact Factor 0.676

- 2016** R. Ravikumar, K. Sendesh Kannan L.J. Kanheker, R. Sanil N. Yasothkumar **P.Periyakaruppiyah** and Saritakumar (2016). Feeding preference and efficiency of mosquito fish, *Gambusia affinis* and its density in the natural water resources of higher altitude areas of The Nilgiris, Western Ghats, India. *International Journal of Current Science Research*. **2(2)**: 333-345. Impact Factor 0.676
- 2016** N. Valarmathi, **P. Periyakaruppiyah** and M.Kannan (2016). Submerged fermentation process for the production and characterization of milk clotting enzyme rennin from microorganisms. *International Journal of Current Science Research*. **2(1)**: 275-281. Impact Factor 0.54
- 2012** **P. Periyakaruppiyah**, P.Nagarajan, K. Rajarathinam and M. Jayakumar (2012). Effect of enhance UV-B (280-320 nm) radiation on the changes in the secondary metabolites content in *solanum trilobatum*, a medicinal plant. *Journal of Theoretical and Experimental Biology*. **9**: 53-58.

BOOKS

- 2015** **Book Chapter: P. Periyakaruppiyah**, K. Rajarathinam, M. Eyini and M. Jayakumar (2015). Effect of enhanced UV-B (280-320nm) radiation on the changes in the Allelochemicals in *Solanum trilobatum*- a medicinal plant *In: Current and Emerging Trends in Biological Sciences* (Eds) P.Annapoorani R.Renuka and P. Mehalingam, Publishing Virudhunagar Hindu Nadars' Senthikumara Nadar College (Autonomous), ISBN 978-93-81723-40-1 pp. 169 – 177.

ORIENTATION COURSE/ REFRESHER COURSE PARTICIPATION

- 2022** Participated in TANCHE sponsored In-Service Teacher Training Programme held at Mother Teresa Women's University, Kodaikanal 13th May 2022.
- 2021** Participated in the Online short Term Course on “ Integration of ICT Tools in Teaching and Learning” organized by Senthil Research Advocacy forum, V.H.N.S.N. College (Autonomous), Virudhunagar from 26.07.2021 to 30.07.2021.
- 2021** Participated in UGC-HRDC sponsored Faculty Orientation Program, at Ramanujan College, University of Delhi, New Delhi from 19.10.2021 to 18.11.2021.

2014 Participated in UGC sponsored Orientation Programme for Teachers held at Yadava College, Madurai on 7th and 8th August 2014.

PARTICIPATION IN FACULTY DEVELOPMENT PROGRAM (FDP)

2022 Participated in the “Faculty Development program on Digital Pedagogy and New education Policy 2022” Organised and sponsored by V.H.N.S.N. College (Autonomous), Virudhunagar from 8th August 2022 and 9th August 2022 at Kodaikanal.

2021 Participated in the Four Day Faculty Development programme on “Professional Communication Skills”, Organized by IQAC and the Department of English (SF), V.H.N.S.N. College (Autonomous), Virudhunagar from 12th July 2021 to 15th July 2021.

2020 Participated in the “Faculty Development program on Handling Classes through Google Meet” Conducted by IQAC, V.H.N.S.N. College (Autonomous), Virudhunagar on 6th August 2020.

2020 Participated in the “Faculty Development program on Handling Google Classroom for Evaluating Student Learning” Conducted by IQAC, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar from 20th August 2020.

2020 Participated in the “Faculty Development program on Digital Teaching” Conducted by IQAC and DCE Technology, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar from 1st June 2020 to 3rd June 2020.

2020 Participated in the Faculty Development Programme on “Life Science for Enhancing Human Life” organized by the Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore from 28th May 2020 to 31st May 2020.

2020 Participated in the Seven days “International Faculty Development program on Biological Sciences” organized by PG and Research Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi from 25th May to 31st May 2020.

2020 Participated in the Faculty Development Programme on ENABLE relationship-ENHANCE skills EMPOWER students organized by the Department of Management Studies, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 19th September 2019.

PARTICIPATION IN SEMINAR / CONFERENCE/ WORKSHOPS

- 2020** Participated in one day International Webinar on “Plant Diseases of Past, Present and Control Measures” Organized by Department of Botany, Vivekananda College, Tiruvedakam West, Madurai on 10th September 2020.
- 2020** Participated in the International Web Conference on “Innovative Technologies, Entrepreneurship Avenues, Livelihood Enhancement in Sustainable Management of Animal Farming” organized by the PG and Research Department of Zoology, Dr.Ambedkar Government Arts College (Autonomous), Vysarpadi, Chennai and collaboration with the Indian Science Congress Association on 3rd and 4th August 2020.
- 2020** Participated in the International Webinar on “Novel Insights into Plant Space Biology” Jointly Organised by the IQAC, R&D Cell and P.G & Research Department of Botany, A.V.C College (Autonomous), Mayaladuthurai on 21st May 2020.
- 2020** Participated in the International Webinar on “Transgenic Plant production – Theoretical & Practical Approach” Organised by Department of Biotechnology, Vinayaka Mission’s Kirupananda Variyar Engineering College, Salem on 18th May 2020.
- 2020** Participated in the International Webinar on “Plant Molecular Changes in SPACE” organised by the Department of Botany, G.T.N. College (Autonomous), Dindigul on 16th May 2020.
- 2020** Participated in the National Wildlife week 2020 webinar on “Introduction to the world Butterflies” organised by Department of Zoology, V.H.N.S.N.College (Autonomous), Virudhunagar in association with Rhopalocera and Odonata Association of Rajapalayam (ROAR) on 8th October 2020.
- 2020** Participated in the Webinar on “Outcome based Assessment Strategies” Conducted by IQAC, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 18th July 2020.
- 2020** Participated in the National Webinar on “Current Issues Emerging Over Environmental and Education” organized by Department of Botany, St. Joseph’s College (Autonomous), Tiruchirapalli on 18th July 2020.

- 2020** Participated in the Webinar on “Outcome Based Education Through Bloom’S Taxonomy: Stepping up the Learning Domin” Organized by IQAC and Department of Commerce-IV, Rathinam College of Arts & Science on 19th June 2020.
- 2020** Participated in the National level Webinar on Natural Pesticide for the Betterment of Eco-system - Present Status and Future Prospects organized by the PG & Research Department of Botany, V.O.Chidambaram College on 12th June 2020.
- 2020** Participated in the National level Webinar on “Scope for the Utilization of Herbal Medicines for Human Health in COVID-19 like Scenario” organised by the PG & Research Department of Botany, V.O.Chidambaram College on 29th May 2020.
- 2020** Participated in the National level webinar on “Ex-situ conservation of Threatened Angiosperm plants” organized by Natucare India, Mumbai, India on 24th May 2020.
- 2020** Participated in National Awareness E-Quiz on Plant Products conducted by The PG & Research Department of Botany, Kandaswami Kandar’s College, Velur, Namakkal District, with a passing Score of 80% on 7th June 2020.
- 2020** Participated in the intercollegiate Environment and COVID19 Awareness Quiz, Organized by PG and Research Department of Botany, Thiagarajar College, Madurai on 5th June and 6th June 2020.
- 2020** Participated in National Level quiz competition on “World Environment Day” Celebration Conducted by Department of Botany, Vivekananda College, Tiruvedakam West, Madurai, Tamil Nadu on 4th June 2020.
- 2020** Participated in the National Level “BOTANY QUIZ-2020” E-Quiz organized by PG & Research Department of Botany, Raja Doraisingam Govt. Arts College, Sivaganga during COVID-19 lockdown period 2nd June 2020.
- 2020** Participated in National “Online Quiz - General Botany” with passing score of 80% organized by Department of Botany, Queen Mary’s College (Autonomous), Chennai on 1st June 2020.

- 2020** Participated in the National level “Lifestyle challenges of COVID-19” online Quiz Organised by Department of Biotechnology, Vinayaka Mission’s Kirupananda Variyar Engineering College, Salem on 29th May 2020.
- 2020** Participated in the e-Quiz Program in Life Sciences, organized by Department of Microbiology, Yadava College, Madurai on 26th May 2020.
- 2020** Participated in the “Online Botany Quiz” conducted by the Department of Botany, M. V. Muthiah Government Arts College For Women, Dindigul, Tamilnadu on 26th May 2020.
- 2020** Participated in Online National Awareness Quiz Programme about COVID-19 organized by Department of Microbiology, Yadava College, Madurai on 22nd May 2020.
- 2020** Participated and successfully completed the National “Botany Quiz 1” organized by PG & Research Department of Botany, Arulmigu Palaniandavar College of Arts And Culture, Palani on 21st May 2020.
- 2017** One Day Science Workshop. Sponsored by Indian Institute of Science Education and Research (IISER) Thiruvananthapuram. , Yadava College, Madurai. 28th February 2017.
- 2015** Participated in Expo on ECO - Water, Sanitation and Hygiene. 10th January 2015 Sponsored by NCSTC, DST, Government of India, organized by Yadava College, Madurai.
- 2014** Participated in One day Workshop on Training to Trainers ECO & WaSH (Water, Sanitation & Hygiene) Futures. 1st November 2014 Sponsored by NCSTC, DST, Government of India, organized by Yadava College, Madurai.
- 2014** Participated in Training Workshop on Science Popularisation through Folk-Arts. 13th to 16th August 2014 Sponsored by NCSTC, DST, Government of India, organized by Yadava College, Madurai.
- 2013** Participated in National conference on Emerging Trends in Medicinal Plants and Herbal Products. 12th and 13th December 2013 Sponsored by UGC-SERO and DST-SERB Government of India, organized by Research Department of Botany, VHNSN College, Virudhunagar.

- 2013** Participated in Training Workshop on Science Popularisation through Folk-Arts. 6th to 9th November 2013 Sponsored by NCSTC, DST, Government of India, organized by Yadava College, Madurai.
- 2012** Participated in State level two days lecturer cum Training programme on Research Instruments. 28th and 29th September 2012 Sponsored by UGC, Government of India, organized by Instruments Centre, Ayya Nadar Janaki Ammal College, Sivakasi.
- 2012** Participated in the three days training on Application of Statistics in Research Using SPSS organized by VHNSN College, Virudhunagar on 23rd to 25th April 2012.
- 2012** Participated in National seminar on Cyclonic changes and its Impact on marine Biodiversity. 9th and 10th February 2012 Sponsored by Ministry of Earth Sciences, Government of India, organized by Research Department of Botany, VHNSN College, Virudhunagar.
- 2012** Participated in Training programme on Instruments maintenance and Repairing. 21st January 2012 Sponsored by UGC, Government of India, organized by Research Department of IMF, VHNSN College, Virudhunagar.
- 2011** Participated in National level workshop on Docking of small molecules organized by Bioinformatics centre, Department of Biotechnology, Lady Doak College held 27th to 29th, January 2011 sponsored by DBT-BIF, Ministry of Science & Technology, Govt. of India, New Delhi.
- 2011** Participated in National level seminar on Innovative strategy for technological Developments and Designing New Business Model in Renewable Energy Sector. 3rd and 4th March 2011 Sponsored by Ministry of New Renewable Energy, Government of India, New Delhi., organized by Department of Physics & IQAC, VHNSN College, Virudhunagar.
- 2010** Participated in Hands on training PCR & Applications for Teachers, Engineering students and Research Scholars organized by Department of Zoology & Biotechnology, Sri Paramakalyani College, Alwarkurichi and Helini Biomolecules, Chennai on 8th & November 2010.

- 2010** Looking forward: Challenges of climate on water and land in commemoration of World water day and world Forest day 2010. 22th March, 2010 at Anna University Chennai, Chennai.
- 2007** Participated in Seminar cum Workshop on Nanotechnology organized by Science City from 3rd to 10th December, 2007 at Science City, Government of Tamil Nadu.
- 2005** Participated in Workshop on Man power development and training programme in the trade of INTEGRATED FARMING from 14th February- 14th March 2005, Community Polytechnic Scheme at Virudhunagar S.Vellaichamy Nadar Polytechnic College, Virudhunagar.
- 2004** Participated in Inter-Collegiate NSS Special camp on YOUTH FOR WATER RESOURCE MANAGEMENT & CLEANLINESS organized by VHNSN College, Virudhunagar at Vakkanankundu, sithumudrasippu and Allikulam. 7th to 16th January 2004.
- 2003** Participated in Workshop on Man power development and training programme in the trade of OFFICE AUTOMATION from 16th June- 3rd October 2003, Community Polytechnic Scheme at Virudhunagar S.Vellaichamy Nadar Polytechnic College, Virudhunagar.
- 2003** Participated in Ten days Workshop on Mushroom Cultivation from 3rd to 12th February 2003, Department of Botany, VHNSN College, Virudhunagar.
- 1999** Participated in NSS Special camp on Project held at Sempatty during 26th September to 10th October 1999 Organized by Government higher Secondary School, Sundarapandiam.

Declaration:

I do hereby declare that the above furnished details are true to best of my knowledge.

Place: Virudhunagar

Signature

(P.PERIYAKARUPPIAH)