

CURRICULUM VITAE

Name : Dr. P. SATHISHKUMAR M.Sc., M.Phil., Ph.D.,
Date of Birth : 16th, May 1984
Father's Name : V. Palanisamy
Nationality : Indian
Religion : Hindu
Community : BC
Gender : Male
Marital Status : Married
Languages known : English, Tamil
Spécialisation : Plant Taxonomy, Phytochemistry and Ecology



Dr. P. Sathishkumar, M.Sc., M.Phil., Ph.D., Assistant Professor, PG and Research Department of Botany at NGM College (Autonomous), Pollachi, since 2016. Prior to this role, I worked as an Assistant Professor in the Department of Biotechnology at KSG College of Arts and Science, Coimbatore (2014–2016). I have also 2 years of work experience in the field of Plant Taxonomy at the Fischer Herbarium, Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore. Expertise in Plant Taxonomy, Phytochemistry and field-based botanical studies. With a strong foundation in plant identification and biodiversity conservation, I am dedicated to advancing research and education in plant sciences. My expertise also extends to Applied Tissue culture techniques, Ecological studies, and Biodiversity assessments.

Educational qualifications

Ph.D., : Botany, Kongunadu Arts and Science College, Bharathiar University, Coimbatore (2008 - 2010).

Title of the Thesis

Evaluation of populations of the folklore medicinal plant, *Acacia caesia* (L.) Willd. in the Western Ghats of India for ecomorphological and phytochemical traits.

M.Phil., : Botany, Kongunadu Arts and Science College, Bharathiar University, Coimbatore (2007 - 2008).

Title of the Thesis

A preliminary study on phenology, physiology, phytochemical, antimicrobial and nursery technique of two wild edible plants namely *Azima tetracantha* Lam. and *Kirganelia reticulata* (Poir) Bail.

M. Sc., : Botany, Government Arts College, Bharathiyar University, Coimbatore, (2005 - 2006) First class with **80.75%** marks.

B. Sc., : Botany, Government Arts College, Bharathiyar University, Coimbatore, (2001 - 2004) First class with **73.43%** marks.

Teaching experience : 11 Years

Organization	Designation	Dates
Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi	Assistant Professor, PG and Research Department of Botany	25. 07. 2016 to till date
KSG College of Arts and Science, Coimbatore	Assistant Professor, UG Biotechnology	25. 08. 2014 to 27. 05. 2016

Research experience: 5 Years in the field of Phytochemistry and Microbiology, Seed technology, Cytogenetics and 2 Years in the field of Plant Ecology, applied Tissue Culture technique and phytochemical technique.

2 Years in the field of Plant Taxonomy - Worked in Fischer herbarium (FRC) Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore as research fellow for the period of two years.

Awards/Honours/Fellowships/Membership of learned Bodies

Awards/ Honours/ Scholarship/ Membership of learned Bodies	Description	National/ State/ International	Year
Award	Best Paper Presentation Award , in National Symposium on “Traditional Medicine, Human Health & Biotechnology” organized by the PG & Research Department Biotechnology, Mahendra Arts and Science College, Kalipatti on 15 th and 16 th December 2006.	National	2006
Scholarship	Received Tamilnadu State Government, Directorate of Collegiate Education merit Scholarship for Ph.D. full time programme.	State	2008-2010
Membership	Member in Indian Science Congress Association, Calcutta, India. (Member IDA454)	National	2009 to till date
	Member in The Society of Biological Chemists, India, Bangalore	National	2015 to till date
	International Society for Infectious Diseases	International	2015 to till date
	Membership in California Botanical Society		2021 to till date
	Member in Royal Society of Biology		2021 to till date
	Member of Asian Exercise and sports Science Association		2021 to till date
	Member in European biotechnology network		2021 to till date
Awards	Awarded as mentor in NPTEL online course, IIT Madras,	National	Aug-Sep

	for “Organic Farming for Sustainable Agricultural Production”		2018.
	Awarded as mentor in NPTEL online course, IIT Madras, for Wild life Ecology (12 week courses)	National	Jan-Apr 2019.
Awards	Won 3000/- cash award for Video/Script Competition in the All India Shiksha Shilpi- Aahaar Kranti Video/Script Competition for Teachers held in September 2021 organized by Shiksha Shilpi and Global Indian Scientists & Technocrats Forum.	National	September 2021
Achievements	Internal Yukti Evaluators by the Institution's Innovation Council (IIC), where they actively contribute to evaluating innovative ideas and projects within the academic ecosystem.	National	2025 to till date
	Innovation Ambassador Completed Up skilling Training in Institution's Innovation Council (IIC).	National	2025

Patent felicitation

Published and filed patent on 16.04.2021. (Application number – 202141014695, Title of invention – Edible coating from biomaterials for extending shelf life of fruits and vegetables.

Other merits and techniques learned

- ❖ Expertise in Plant Taxonomy
- ❖ Phytochemistry (Compound isolation and characterization)
- ❖ Chromatographical techniques
- ❖ Biochemical analytic skill
- ❖ Established tissue culture protocols for locally used medicinal plants.
- ❖ Antimicrobial techniques
- ❖ Random Amplified Polymorphic DNA (RAPD) analysis
- ❖ Expertised in vegetational analysis.
- ❖ Mushroom/*Azolla* Cultivation Technique.
- ❖ Biofertilizer production
- ❖ Horticulture techniques and landscape designing
- ❖ Adequate knowledge in Computer operating

Project Guided under TNSCST Student project scheme

S. No	Title	Funding Agency	Period	Student Name	Status	Project cost Rs
1.	Mapping and Inventorying of Coconut Vegetation in the Pollachi Taluk using Remote Sensing (RS) and Geographical Information System	TNSCST Student Project (ES-29)	2016 - 17	V. Kishorekumar, A. Sathiskumar., L. Benitta and D. Kaviya	Completed	10,000

	(GIS).					
2.	Evaluation of anti-dandruff activity of poly herbal hair oil against the fungus <i>Malassezia</i> sp.	TNSCST Student Project (MS-021)	2017 - 18	S. Nancy, R. Nishanthini and D. Vinoth kumar	Completed	10,000
3.	Production of degradable bio plastics from invasive alien plants in Anamalais, the Western Ghats.	TNSCST Student Project (ES-061)	2018 - 19	G. Chokkalingam, B. Tamil selvan and M. Gayathri	Completed	7,500
4.	Edible coating from nontoxic biomaterials for extending shelf life of fruits and vegetables	TNSCST Student Project (AS-026)	2019 - 20	Ms. M. Meenambigai, Ms. J. Logeshwari and Ms. PV. Akhila	Completed	7,500
5	Comparative study on structural (macro/micro) and anatomical characters for some misidentifying plant species – as an additional taxonomic evidence’	TNSCST Student Project BS-365	2021-2022	Ms. V.Divya sri harini, Ms. V. Gokila, Ms. P. Jenittamercy and Mr. S. Sabari Arul	Completed	7,500
6	Preparation of Immune Boosting Nutrimix From Selected Underutilized Wild Edible Fruits	TNSCST Student Project MS-802	2023-2024	Gokila K. and Keerthana S.	Completed	7,500

Workshop organized and Training Program Conducted

- Conducted one day Training Program on Mushroom Cultivation for the downtrodden women of Tirupur at Chikkanna Government Arts College, Tirupur, held on 28th January 2015.
- Organized one day workshop on ‘SPSS – Applications in Biostatistics’ at NGM College, Pollachi on 4th October 2016.
- Organized the one day Training cum workshop on” Basic Techniques in Botany” at NGM College on 15th March 2017.
- Organized the seminar on “IPR in Life Science Applications” at NGM College on 20th October 2017.
- Organized the the symposium on Composting and solid waste management at NGM College on 16th November 2017.
- Organized the Science Academies’ Lecture workshop on “Linnaean to Digital Era of Plant Systematics” at NGM College on 7th and 8th December 2017.
- Organized the one day workshop on Practical Botany at NGM College on 24th January 2018.
- Organized the association guest lecture entitled “Current and future trends in Molecular Biology and Biotechnology” delivered by Dr. R. Ragunathan, Director,

Centre for Bioscience & Nanoscience Research, Coimbatore at Vivekanandar Arangam, NGM College, Pollachi on 20th August 2018.

- Organized the one day National level training - workshop on Plant taxonomy at NGM College on 5th & 6th October 2018.
- Organized the one day workshop on Foldscope and its applications at NGM College on 5th February 2019.
- Conducted the one day workshop on Hands on Training in Plant Biotechnology 6th March 2019.
- Association Guest lecture organized with special lecture on “Biodiversity - An Overview” delivered by Dr. S. Paulsamy, Dean - Research & Development, Associate Professor, Former Head, Department of Botany, Kongunadu Arts and Science College, Coimbatore at 02th August 2019
- Association Guest lecture organized with special lecture on “Biodiversity - “PLANT BREEDING - AN OVERVIEW” delivered by Dr. S. Manickam, Principal Scientist, Central Institute for Cotton Research (RS), Coimbatore at 10th January 2020.
- Conducted the one day workshop on Enhancing skills on Biodiversity 12th march 2020.
- Organised 7 day FDP Programme for the Faculties of Biological sciences by PG and Research Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi from 25.05.2020 to 31.05.2020.
- Organized Virtual webinar on ‘Intellectual Property Rights: Power house for Innovation’ by PG and Research Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi on 01.03.2021.
- Organized Mushroom Cultivation for Farmers: A Practical Outreach Program, by PG and Research Department of Botany in Association with Institution’s Innovation Council, Venue: Senjolai organic farm, Sulur, Coimbatore on 22.12.2024.
- Organized Types of intellectual property (IP): patents, trademarks, copyrights, trade secrets, and industrial designs by: PG and Research Department of Botany In association with Institution's Innovation Council, Nallamuthu Gounder Mahalingam College, Pollachi on 28.01.2025.
- Organized a one-day training program on Organic Farming at Jakkarpalayam Organic Farm, Pollachi, by Department of Botany In association with Institution's Innovation Council, Nallamuthu Gounder Mahalingam College, Pollachi 5th February 2025.
- Organized a Hands-on Training Program in Plant Biotechnology, by PG and Research Department of Botany, Nallamuthu Gounder Mahalingam College (Autonomous), successfully on 27th February 2025.
- Organized a one-hour virtual session on the topic “*Social Media, Artificial Intelligence, and Youth: Opportunities and Risks*” by PG and Research Department of Botany, in collaboration with the Institution’s Innovation Council of NGM College, Pollachi, organized on 14th May 2025.
- Organized a Tree Plantation Drive In commemoration of World Environment Day 2025, the Green Society (Part - V) of NGM College (Autonomous), Pollachi, in collaboration with the PG and Research Department of Botany on 5th June 2025.

- Qualified the online exam NPTEL with the distinction of Elite silver (88%) for Wild life Ecology (12 week courses), Jan-Apr 2019.
- Successfully completed online NPTEL course with the distinction of Elite silver (75%) “Wild life conservation” (8 week course) Jul-Sep 2019.

Faculty Development Programme attended

- Two days Faculty Development Program on ‘Research Fundamentals and Data Analytics’ organized by Sankara Institute of Management Science, Saravanampatty, Coimbatore, on 14.09.2015.
- One day Faculty Development Program on Environment Audit of Infrastructure, Extension Activity and Institutional Social Responsibility organized by IQAC, Nirmala College for Women, Coimbatore on 30th October 2015.
- Three days Faculty Orientation Programme organized by the Department of Human Excellence, Academy for Professional Development & Training and Placement Cell, NGM College, Pollachi on 01st to 03rd September 2016.
- Three days Faculty Development Program on Recent Trends in Higher Education in Science and Humanities to Rural Students organized by Nallamuthu Gounder Mahalingam College, Pollachi on 12th to 14th June 2019.
- Organized 7 day FDP Programme for the Faculties of Biological sciences by PG and Research Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi from 25.05.2020 to 31.05.2020.
- PG and Research Department of Botany organized 7 days FDP program on AI Tools for Teachers on 07.08.23-17.08.23 at NGM Computer Lab 1.
- Participated an International Faculty Development Programme entitled “Recent Innovations In Herbal Cosmetics” organized by Post Graduate Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi on 12.05.2020.
- Completed the One Week Virtual International Faculty Development Programme from 15.05.2020 to 21.05.2020 entitled “ADVANCED TOPICS IN CHEMICAL SCIENCES” organized by Post Graduate Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi.
- Participated in the National Level Live Faculty Development Programme (webinar) on “Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools” conducted by G. T. N. Arts College (Autonomous), Dindigul, Tamilnadu on 08.06.2020.
- Completed the Faculty Development Programme on Research Capacity Building under UGC Scheme, STRIDE Component – 1 organised by V.O.Chidambaram College, Thoothukudi from 15.06.2020 to 17.06.2020.
- Participated One Day Webinar FDP on Appraisal of Learning Outcomes in OBE organised by Office of the Controller of Examinations, NGM College on 22.06.2020.
- Participated the Online National Level Capacity Building workshop on “E-Learning &E-Content Development” Organized by Internal Quality Assurance Cell of V.O.C. College of Education, Thoothukudi, TamilNadu from 6th July to 10th July 2020.

- Participated in in the Two Day National Level Webinar FDP on Emotions Management, Organised by NGM College, Department of History - HISTORIA 20 on 29th and 30th June 2020.
- Participated in 3 days Faculty Development Programme on Plants for food and Health care organized by Yogi Vemana University, Andhra, India on 12th to 14th August 2020.
- Participated in the Five Day Faculty Development Programme on Insights into Marine Biodiversity and Taxonomy”, organized by the Centre for Climate Change Studies, Sathyabama Institute of Science and Technology, Chennai from 10th to 14th Aug 2020.
- Participated in the FDP on “Emerging Trends in Plant Sciences Topic I - Complementary Digital Tools in Plant Taxonomy” Organized by the Department of Botany, Vivekananda College, Tiruvedakam West, Madurai - 625 234 on 18th February, 2021.
- Participated in the FDP on “Emerging Trends in Plant Sciences Topic III – Intellectual Property Rights: Powerhouse for Innovation” Organized by the Department of Botany, Vivekananda College, Tiruvedakam West, Madurai - 625 234 on 1st March, 2021.
- Successfully participated in the Shiksha Shilpi Aahaar Kranti Online Lecture Series workshop during 26 July 2021 to 23 August 2021 held on every Monday organized by Shiksha Shilpi (An initiative of Vijnana Bharati) and GlobalIndian Scientists & Technocrats Forum (GIST).
- Participated International Faculty Development Program-cum-Workshop “RESEARCH GRANT PROPOSAL WRITING: Strategies to Win Research Funding up to Rs 1 Crore” (20-21 November 2021) Organized by Research India Foundation, Bhubaneswar, Odisha, INDIA & Dr C V Raman University, Bilaspur, Chhattisgarh, INDIA.
- Participated in One week Virtual Faculty Development Program on “Future Perspectives in Biological Sciences” organized by the Department of Botany, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore from 8th - 14th November, 2021.
- Participated in the seven days National level Faculty Development Programme (online mode) on “Inclusive procedures and processes for NAAC Assessment and accreditation” conducted by A.C.T. Academy, Tamil Nadu in Association with Academic & Research conglomerate (ARCON) and Academic & Research activity group (ARAG) FROM 24.04.2023 TO 30.04.2023.
- Participated in the seven days Faculty Development Programme on “Quality Education for National Building” organized by Internal Quality Assurance Cell (IQAC of Sakthi Institute of Information and Management studies, Pollachi on 31st July 2023 to 08th August 2023.)
- Participated in the five days National level Faculty Development Programme on ‘Influence of AI in teaching & research’ held from 04.09.2023 to 09.09.2023, organized by Department of Commerce with computer Applications, Hindusthan College of Arts and Science, Coimbatore-28.

Papers published in Journals - 36

1. **P. Sathishkumar**, S. Paulsamy, A.M. Anandakumar and P. Senthilkumar, 2009. Effect of habitat variation on the content of certain secondary metabolites of

- medicinal importance in the leaves of the plant, *Acacia caesia* Willd. *Advances in Plant Sciences*. **22** (II): 451 - 453. (Scopus)
2. **P. Sathishkumar**, Subramanian Paulsamy and Anaimalai M. Anandakumar, 2010. Variation in physical characters and evaluation of genetic diversity in *Acacia caesia* var. *caesia* (L.) Willd. in an environmental gradient in the Western Ghats of Tamil Nadu, India, *Maejo Int. J. Sci. Technol.* 2010, **4** (03), 533-539 (Scopus, SCI)
 3. Anandakumar. A.M., S. Paulsamy, **P. Sathishkumar** and P. Senthilkumar, 2009. Preliminary phytochemical studies for the quantification of secondary metabolites of medicinal importance in the plant, *Acalypha fruticosa* Forssk. *Journal of Applied and Natural Science*. **1** (1): 41 - 43. (Scopus, UGC-CARE List Group II, India)
 4. Paulsamy, S., P. Senthilkumar, A. M. AnandaKumar and **P. SathishKumar**, 2009. *Elaeagnus kologa* Schlecht. - an under utilized species for edible fruits in Nilgiris, the Western Ghats. *Natural Product Radiance*. **1** (2):258-260. (ESCI, Thomson Reuters products & services)
 5. Paulsamy, S., P. Senthilkumar, A.M. Anandakumar and **P. Sathishkumar**, 2011. Utilization of forest flora as agricultural tools and other domestic goods by the villagers adjoining the foot hills of Anamalais, the Western Ghats, Coimbatore district. *Non-Timber Forest Products*. **17** (3): 339-344.
 6. Anandakumar, A.M., S. Paulsamy and **P. Sathishkumar**, 2012. Genetic variation in the populations of the plant species, *Acalypha fruticosa* forssk. in an environmental gradient, *Biotechnology Research Bulletin, Ficus Publishers*, **1** (1): 1-4.
 7. Ananda kumar, A. M. Shanmugapriya, G. **Sathishkumar, P** (2018). Evaluation of cytotoxic effect of phoskill on the root tips of *Allium cepa* L. *World Journal of Pharmaceutical Research*, Vol. 7, Issue 13, 880-886.
 8. A. M. Ananda kumar, S. Kiruthika, **P. SathishKumar**, 2018. Allelopathic effect of some common weeds on two important crops *Zea mays* L. and *Vigna radiata* (L.) wilczek. *Journal of Emerging Technologies and Innovative Research (JETIR)*, (ISSN-2349-5162), (5) 12: 291 - 295. Scopus
 9. **Sathishkumar P.**, Nancy S. And Ananda kumar A.M, 2019. Evaluation of Anti-Dandruff Activity of Poly Herbal Hair Oil against the Fungus *Malassezia Furfur*, *IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB)*, ISSN: 2455-264X, (5) 1 : 01-06. DOI: 10.9790/264X-0501010106 (UGC Approved)
 10. **P. Sathishkumar**, D. Kaviya, R. Rakkimuthu, A.M. Anandakumar, D. Sowmiya and S. Sabirafathima, 2019. 'Quantitative phytochemical screening of *Filicium decipiens* Wight & Arn., *American International Journal of Research in Science, Technology, Engineering & Mathematics*, (manuscript number IBCFT-055).
 11. Ananda kumar, A.M. Anvar, K. Rakkimuthu, R. **Sathishkumar, P.** Sowmiya, D and Alahupreeti, J. (2019). Eco-friendly mosquito repellent fabric using dye derived from *Curcuma aromatica* Salisb. *American International Journal of Research in Science, Technology, Engineering & Mathematics*. 68-72.
 12. Sowmiya, D. Rakkimuthu, R. **Sathishkumar, P.** Anandakumar, A. M. Sinju, S and Vanisree, B (2019). Effect of silver nanoparticles of *Ulva fasciata* in germination of selected pulses. *American International Journal of Research in Science, Technology, Engineering & Mathematics*. 204-207.
 13. R.Rakkimuthu, R. Nithiyakamatchi, **P. Sathishkumar**, AM. Ananda kumar and D.Sowmiya, 2019. *In vitro* antifungal activity of formulated floral extracts against *Malassezia furfur*. *The International journal of analytical and experimental modal analysis*, 11 (9): 1326 - 1335. (Scopus)
 14. R Rakkimuthu, R Indu, **P Sathishkumar**, AM Anandakumar, D Sowmiya, 2019. Effect of herbal spray for coconut copra process, storage and Post-harvest disease

- management, International Journal of Botany Studies, ISSN: 2455-541X; Impact Factor: RJIF 5.12, Volume 4; Issue 6; November 2019; Page No. 77-81. (WOS)
15. AM Anandakumar, J Alahupreeti, R Rakkimuthu, **P Sathishkumar**, D Sowmiya, 2019. Studies on clastogenic activity caused by synthetic red food colour dye on the root tips of *Allium cepa* L. International Journal of Botany Studies ISSN: 2455-541X; Impact Factor: RJIF 5.12 Volume 4; Issue 6; November 2019; Page No. 102-105. (WOS)
 16. Rakkimuthu Ramalingam, **Sathishkumar Palanisamy**, Ananda Kumar Mohanraj, Sowmiya Durisamy & Nishanthini Rajasekaran, 2020. Chemical Profiling of *Momordica charantia* L. Seed Essential Oil and Its Antimicrobial Activity, *Journal of Essential Oil Bearing Plants*, 23:2, 390-396, DOI: 10.1080/0972060X.2020.1741451 (WOS)
 17. **P Sathishkumar** and AM Anandakumar, 2021. Isolation and identification of terpenoid compounds from the folklore medicinal plant, *Acacia caesia* (L.) Wild. Leaves. International Journal of Botany Studies, Volume 6, Issue 4, Page No. 534-538.
 18. AM Anandakumar and **P Sathishkumar**, 2021. Study on genetic diversity in the different populations of *Acalypha fruticosa* Forssk by using RAPD analysis inhabiting foot hills of Southern Western Ghats. International Journal of Botany Studies, Volume 6, Issue 4, Page No. 534-538.
 19. A.M. Ananda Kumar, D. Rathika, R. Rakkimuthu, **P. Sathishkumar**, 2021. Floristic Diversity and Ethnobotanical Studies of Nandha Gopalasamy Hill Temple Sacred Grove of Western Ghats, Pollachi Taluk, Coimbatore, Agricultural Science Digest – A Research Journal of Agriculture, Animal and Veterinary Sciences, pp: 1-6, DOI:10.18805/ag.D-5475.
 20. R. Rakkimuthu, S. Aarthi, E. Neelamathi, **P. Sathishkumar**, A.M. Anandakumar and D. Sowmiya, 2022. Green synthesis of reduced grapheneoxide silver nanocomposite using *Anisomeles malabarica* (L.) R.BR. leaf extracts and its antibacterial activity, Rasayan j. Chem. Vol 15, No. 1: 417-422.
 21. **P.Sathishkumar**, G.Chokkalingam, R.Rakkimuthu, AM. Ananda Kumar, D.Sowmiya and V.Prabhu, 2023. Production of Degradable Bio Plastics from Invasive Alien Plants in Anamalais, the Western Ghats, Indian Journal of Natural Sciences, Vol.13 / Issue 76 / February / 2023, Web of Science
 22. D.Sowmiya, H. Rehana Banu, R. Divya, R.Rakkimuthu, **P. Sathishkumar** and A.M Anandakumar Screening of Phytochemicals and Antimicrobial Activity of Lithophytic Fern *Pyrrosia porosa* (C.Presl) Hovenkamp Indian Journal of Natural Sciences Vol.13 / Issue 76 / February / 2023 Web of Science
 23. **P.Sathishkumar**, Meenambikai, pavithra, E. Neelamathi. Rakkimuthu, AM. Ananda Kumar, D.Sowmiya, 2023. Edible coating from nontoxic biomaterials for extending self life of fruits and vegetable, Indian Journal of Natural Sciences, Jun-23, 14(78), ISSN: 0976 – 0997, pp: 55936-55949.
 24. A.M. Ananda Kumar, V. Aarthi, **P. Sathishkumar** and R. Rakkimuthu, 2023.

- Pharmacognostical Characterisation and Phytochemical Profiling of the Medicinal Plant, *Ehretia ovaliaefolia* Wight, Indian Journal of Natural Sciences, Apr-23, ISSN: 0976 – 0997, pp: 57213-57217.
25. D.Sowmiya, H. Rehana Banu, R. Divya, R.Rakkimuthu, **P.Sathishkumar** and A.M Anandakumar , 2023. Screening of Phytochemicals and Antimicrobial Activity of Lithophytic Fern *Pyrrosia porosa* (C.Presl) Hovenkamp, Indian Journal of Natural Sciences, Dec-22, ISSN: 0976 – 0997, pp 52680-52688.
 26. Rakkimuthu R, Sowmiya D, Ananthi P, **Sathishkumar P** & Ananda Kumar A M Chemical profiling of fern *Cheilosoria mysurensis* (Wall. ex Hook.) Ching & Shing and its biological activity Plant Science Today Jan-23, ISSN 2348-1900, 10 (1), pp: 91-95.
 27. A.M. Ananda Kumar^{1,*}, D. Rathika¹, R. Rakkimuthu¹, **P. Sathishkumar¹**, 2023. Floristic Diversity and Ethnobotanical Studies of Nandha Gopalasamy Hill Temple Sacred Grove of Western Ghats, Pollachi Taluk, Coimbatore, Agricultural Science Digest. 43(1): 57-62. doi: 10.18805/ag.D-5475.
 28. D. Sowmiya, K. Vinothkumar, R.Rakkimuthu **P.Sathishkumar** and A.M. Anandakumar, 2024. Qualitative and Quantitative analysis of the unexplored fern *Thelypteris meeboldii* from Southern Western Ghats, Tamilnadu, Indian Journal of Natural Sciences 15 (83).
 29. Rakkimuthu R, Neethu Krishna, **Sathishkumar P**, Ananda Kumar A.M. and Sowmiya D., 2024. GC/MS Analysis of Methanolic Extract of *Pancratium triflorum* Roxb. Bulbs, Indian Journal of Natural Sciences, Vol.15 / Issue 83, 73005 - 73008.
 30. Rakkimuthu, **P Sathishkumar**, A M Ananda Kumar and D Sowmiya, 2024. GC/MS Analysis of Methanolic Extract of *Pancratium triflorum* Roxb. Bulbs, Indian Journal of Natural Sciences 15 (83).
 31. **Sathishkumar P***, Logeshwari J, Rakkimuthu R, Ananda kumar A.M and Sowmiya D. 2025. Systematic significance of anatomical characterization on *Cleome* species of the family Cleomaceae, Indian Journal of Natural Sciences
 32. A.M. Ananda Kumar*, K. Kavipriya, R. Rakkimuthu, **P. Sathishkumar**, D. Sowmiya, 2025. Production and evaluation of eco-friendly and non-toxic herbal pest repellent chalk, AGBIR Vol.41 No.2 2025, pp:1-7. DOI: 10.37532/0970-1907.25.41(2):1-11.
 33. A.M.Ananda Kumar, R. Rakkimuthu, **P. Sathishkumar**, D. Sowmiya and G. Anjana 2025. Evaluation of Bio-Fortified Composite for Improving Seed Quality Parameters on some Selected Crop Species, *Indian Journal of Natural Sciences*, 16 : 90 94336-94344.
 34. A.M. Ananda Kumar , K. Kavipriya, R. Rakkimuthu, **P. Sathishkumar**, D. Sowmiya 2025, Production and evaluation of eco-friendly and non-toxic herbal pest repellent chalk; AGBIR 41(2):1-11.
 35. Ananda Kumar A.M, Rakkimuthu R, **Sathishkumar P**, Sowmiya D, and Aleena B. Eluvathingal, 2026. Fabrication and characterization of bio-wax coated hydrophobic paper from *Eichhornia crassipes* (Mart.) Solms, International Journal of Zoology and Applied Biosciences, Volume 11, Issue 1, pp: 140-146. <https://doi.org/10.55126/ijzab.2026.v11.i01.018>
 36. Rakkimuthu R., U. Sivaranjani, A.M. Anandakumar, **P. Sathishkumar** and D. Sowmiya, 2026. GC-MS Profiling and Wound Healing Potential of *Musa paradisiacal* L. latex in L929 Fibroblast Cells, Adv. Biores., Vol 17 (1) : 245-250. DOI: 10.15515/abr.0976-4585.17.1.245250
 37. **Sathishkumar P.***, Gokila K., Rakkimuthu R., Priya M., 2025. Preparation of immune boosting Nutrimix from selected underutilized wild edible fruits. Journal of

Papers presented in Symposium / Seminars / Conferences

- Presented a paper entitled **Studies on Post-Harvest Diseases of Few Vegetables**. Workshop on Research Paper presentation organized by the Department of Botany, Government Arts College (Autonomous), Coimbatore 1st and 2nd March, 2006.
- Presented a paper entitled **Enumeration of wild edible fruits used by natives of Coimbatore district**. National Symposium on “Traditional Medicine, Human Health & Biotechnology” organized by the PG - Research Department Biotechnology, Mahendra Arts and Science College, Kalipatti on 15th and 16th December 2006.
- Presented a paper entitled **A survey of plants antioxidant properties used by villagers of Palladam area Coimbatore District**. UGC sponsored National Symposium on Need Based Modern Trends in Ethnomedicine Research Ayush Remedies - 2007, held at Kongunadu Arts and Science College, Coimbatore on 26th & 27th February 2007.
- Presented a paper entitled **The antimicrobial activity of *Acacia caesia* Willd. leaves**. National seminar on Biodiversity - Status, Conservation and Management Sponsored by Indian Science Congress Association, Kolkata, PG and Research and Dept. of Botany, Kongunadu Arts and Science College, Coimbatore on Sep. 12th & 13th, 2008.
- Presented a paper entitled **Allergic plants - an overview**. The Research Forum Meeting of Kongunadu Arts and Science College, Coimbatore on 19th January, 2009.
- Presented a paper entitled ***Acacia caesia* (L.) Willd. an over exploited medicinal plant species in Western Ghats, Tamilnadu**. State level seminar on Present Status, Uses and Conservation of Medicinal Plants, Sponsored by Tamilnadu State Council for Science and Technology, Chennai and NCSTC, New Delhi, held at PG and Research Department of Botany, Kandaswami Kandars College, Velur, Namakkal (DT.) on 6th March, 2009.
- Presented a paper entitled **Availability of the plant, *Elaeagnus kologa* for edible fruits in Nilgiris, the Western Ghats**. National Seminar on Recent Trends in the Conservation and Utilization of underutilized wild edible plants (CUWEP-2009), held at Department of Botany, School of Life Sciences, Department of Botany, Bharathiar University, Coimbatore on 20th and 21st March, 2009.
- Presented a paper entitled **A HPTLC densitometer analysis in the leaves of various population of the medicinal shrub**. UGC sponsored National Seminar on Implication of Biotechnology in Conservation of Biodiversity held at Department of Plant Biology and Plant Biotechnology, Government Arts College, Udthagamandalam on 20th and 21st August, 2009.
- Presented a paper entitled **Medicinal plants used for the treatment of respiratory diseases**. National Level Seminar on Applications of Medicinal Plants and their Diversity, Sponsored by CSIR, New Delhi and Tamil Nadu State Council for Higher Education, Chennai, Organized by PG and Research Department of Botany, Govt. Arts College, Dhamapuri on 6th January, 2010.
- Presented a paper entitled **Indigenous knowledge of wild medicinal plants in Palladam areas in Tirupur district, Tamilnadu**. UGC Sponsored National level seminar on Emerging Trends in Plant Biotechnology, PG & Research department of plant biology & plant biotechnology, Government Arts College, (Autonomous), Coimbatore on 4th and 5th February, 2010.
- Presented a paper entitled **“Quantitative phytochemical screening of *Filicium decipiens* Wight & Arn. leaves**, in one day National conference on Innovations in Biochemical and Food Technology organized by Department of Biotechnology,

Kumaraguru College of Technology, Coimbatore in association with Institute of Engineers Student Chapter, KCT, ON 2nd February 2019.

- Dr. P. Sathishkumar has presented a paper entitled *In vitro* cytotoxic activity between methanolic crude extract and column eluted fraction of the medicinal plant *Acacia caesia* (L.) Willd. in the one day International Conference on Emerging Trends in Science and Technology (ETIST-2021), Jointly organized by Department of Biological Science, Physical Science and Computational Science on 27th October 2021.
- Presented a paper entitled *In vitro* cytotoxic activity between methanolic crude extract and column eluted fraction of the medicinal plant *Acacia caesia* (L.) Willd. in the one day International Conference on Emerging Trends in Science and Technology (ETIST-2021), Jointly organized by Department of Biological Science, Physical Science and Computational Science on 27th October 2021.
- Presented a paper entitled “Preparation of immune boosting Nutrimix from selected underutilized wild edible fruits in International Conference on “Recent Trends in Plant Science” Jointly organize by the PG and & Research Department of Botany, Vellalar College for Women (Autonomous), Erode and Microbiologist Society of India (MBSI), India on 7th January 2025.

Seminars / Conferences / Workshops attended

- Workshop on perspective of Biodiversity Conservation : Status of species richness in protected areas, sponsored by Ministry of Environment & Forests, Government of India, New Delhi, organized by PG & Research Department of Botany, Kongunadu Arts and Science College (Autonomous), Coimbatore on 8th & 9th February, 2007.
- National conference on nutraceuticals and the future of medical science organized by Department of Biochemistry, Kongunadu Arts and Science College (Autonomous), Coimbatore on 22nd and 23rd February, 2007.
- National workshop on Biostatistical tools for researchers. Jointly organized by Dr. M. Aruchami Research Foundation and PG & Research Department of Biochemistry, Kongunadu Arts and Science College, Coimbatore on 10th - 12th January 2008.
- One day awareness programme on biodiversity conservation to college students of Southern districts of Tamilnadu, sponsored by National Biodiversity Authority, Chennai, organized by DST – FIST sponsored Research Department of Botany, V. H. N. Senthikumara Nadar College, Virudhunagar on 11th March, 2008.
- UGC Sponsored National Symposium on Sustainable Utilization and Conservation of Medicinal Plants, held at Department of Plant Biology and Plant Biotechnology, Nirmala College for Women, Coimbatore, on 21st and 22nd August, 2008.
- National symposium on Herbal Drug Research organized by Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore on 25th and 26th September, 2008.
- UGC sponsored workshop on Techniques in molecular biology for teaching faculty and students organized by Nirmala College for women (Autonomous), Coimbatore on 20th and 21st January 2009.
- National seminar on Climate change and Environmental challenges, on 7th and 8th March 2009 at Department of Botany, Annamalai University, Annamalai nagar.
- National conference on “The challenges, chances and perspectives in Biotechnology” Sponsored by University Grants Commission, New Delhi, Department of Science and Technology, New Delhi, Tamilnadu State Council for Higher Education, Chennai, Tamilnadu State Council for Science and Technology, Chennai, NCSTC, New Delhi

and Department of Environment, Chennai, Organized by The Department of Botany, C.N College, Erode on 22nd and 23rd January, 2010.

- UGC funded Seminar on Assignment and Achievements of Applied Plant science organized by Department of Plant Biology and Plant Biotechnology, Nirmala College for women (Autonomous), Coimbatore on 20th February 2010.
- CPE, UGC sponsored seminar on Environmental issues, challenges and impact assessment held at Department of Botany, Kongunadu Arts and Science College (Autonomous), Coimbatore on 28th April 2012.
- National conference on Biodiversity Conservation (NCBC 2014) organized by Department of Biotechnology, Sree Narayana Guru College, Coimbatore on 27th August 2014.
- Two days Workshop on “Biotechnological Techniques” organized by Centre for Bioscience and Nanoscience Research, Coimbatore on 31st January to 2nd February 2015.
- One day workshop on ‘Recent Trends in Environmental Engineering’ by the Department of Environmental Engineering, at Park College of Technology, Coimbatore, Conducted on 11th September, 2015.
- One day Awareness Workshop on ‘Prospects of Food Processing Entrepreneurship and skill Development Initiatives by Govt. of India’ organized by Department of Biosciences & Research, SNMV CAS and IICPT (MoFPI, Govt. of India), Thanjavur, held on 23th September 2015.
- National conference on Biodiversity Conservation (NCBC 2015) organized by Department of Biotechnology, Sree Narayana Guru College, Coimbatore on 30th September 2015.
- One day national level workshop on Recent Trends and Advances in ‘Bio – Composting’ organized by the Department of Zoology, NGM College, Pollachi held on 23rd December 2016.
- Two days Science Academies Lecture Workshop on ‘Glimpses of Plant Sciences’ organized by the PG & Research Department of Botany, Nirmala College for Women, Coimbatore on 2nd February 2017.
- One day national level thematic workshop on ‘Biodiversity Conservation Issues and Challenges’ organized by the Department of Zoology, NGM College, Pollachi held on 21st February 2017.
- One day national conference on ‘Recent Innovations in Greener Nano Technology’ organized by PG Department of Chemistry, NGM College, Pollachi, on 21st July 2017.
- One day state level workshop on ‘Spectral data interpretation and chromatographic techniques’ Organized by PG Department of Chemistry, NGM College, Pollachi held on 26th July 2018.
- One day National level workshop on ‘Sustainable Agriculture’ Organized by PG Department of Zoology, NGM College, Pollachi held on 3rd October 2018.
- Participated in the three days training programme on “Training of Teachers (ToT) for student induction programme (SIP)” organized by University Grants Commission, South Eastern Regional Office, Hyderabad, on 16th to 18th May 2019.
- Participated a Interactive Workshop on Converting the Research work into Patent, on 27th September 2019 at Vivekananthar Arangam , Nallamuthu Gounder Mahalingam College (Autonomous) Pollachi.
- Attended National Seminar on Floristic diversity and ethnic intellect of Western Ghats on November 21st 2022, Organized by Department of Botany.

- Participated an online webinar on ‘An Innovative Frontline Technology Shield during Pandemics’ organized by Internal Quality Assurance Cell, Nallamuthu Gounder Mahalingam College, on 7.4.2020.
- Participated an online webinar Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19) organized by Word Health Organiation on 9.4.2020.
- Participated an online webinar Infectious Disease Outbreak Research: Insights and Trends organized by Elsevier on 29.4.2020.
- Participated an online webinar on ‘Art of Teaching Excellence in Digital Era organized’ by Sakthi Institute of Information and Management Studies, Pollachi on 04.05.2020
- Participated an online Webinar on “Change towards a sustainable future organized by Bright TALK on 8th May, 2020
- Participated an International webinar on Plant derived smoke compound on Bio-stimulants and their application in crops organized by KLE Society’s Science and Commerce college, Navi Mumbai on 9th May 2020.
- Participated in National Webinar entitled “Nanotechnology : Basics to Applications” organized by Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi held on 10.05.2020.
- Participated a Webinar on Personal effectiveness -need of the hour organized by Sakthi Institute of Information and Management Studies, Pollachi on 14.05.2020
- Participated a Webinar on NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune on 14.05.2020
- Participated an International Webinar on “Sustainable Development” Department of English Language, organized by NGM College on 14.05.2020
- Participated Online Webinar - International Day Of Biological Diversity organized by Biotechnika on 22-05-20
- Participated Webinar on: Is Quarantine due to Covid 19 helping nature to heal? On the occasion of International Biodiversity Day 22 May 2020 organised by ENVIS Amrita, Amrita University, Ettimadai, Coimbatore.
- Participated in the online webinar “Botanical Bioprospecting” organised by Department of Botany (Aided) NGM College, Pollachi on 27.05.2020.
- Participated International webinar - Fine Tunings : Botany In Space organized by "Post graduate and research department of botany sree narayana college, Nattika, Thrissur, Kerala" on 30.05.2020.
- Participated in International webinar entitled “Nano - The Tiny Warrior”- Engineering Nanomedicine and Drug Delivery System organized by Department of Chemistry, Kongu Engineering College, Perundurai-638060, Erode on 30-05-20.
- Participated in A Two day Webinar on “Mössbauer Spectroscopy - Elucidation of Magnetic Compounds In Biological System” organized by the PG and Research Department of Botany, St. Mary’s College (Autonomous), Thoothukudi on 2.06.2020 and 3.06.2020.
- Attended the online webinar on Microbiologist In Everybody Organized by Biocon Academy and Biotechnika Info Labs Pvt Ltd on 3rd June 2020.
- Participated in the National level Webinar on “Biodiversity Conservation with Special Reference to Agrobiodiversity” organised by the PG & Research Department of Botany, V.O.Chidambaram College on 04.06.2020.
- Participated in the Webinar on ‘Earth is healing now. But, what happen safter lock down?’ organized by the ENVISRP, Centre for Sustainable Future, Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu on 5th June, 2020.

- Participated in the webinar on Genomics and Disruption organized by Post Graduate and Research Department of Physics, Nallamuthu Gounder Mahalingam College, Pollachi on 9th June 2020.
- Participated Webinar on: Issues and challenges of climate change on Biodiversity organised by Kandaswamy kandars College, Velur, Nammakkal on 11th June 2020.
- Participated One Day National Webinar on Nutraceuticals and medicinal herbs for Health & immunity organised by the Department of Botany & IQAC, St. Joseph College for women (A), Visakhapatnam, Andhra Pradesh on 20th June, 2020.
- Participated in the webinar on Lifestyle Changes & their Impact on Insulin Resistance organised by Department of Zoology, V.O.Chidambaram College on 21.06.2020.
- Participated in the National level Webinar on “CURRENT STATUS OF IMMUNE DEVELOPMENT FROM MUSHROOM FOR COVID-19” Organised by the Department of Commerce and Computer Applications, Queens college of Arts and Science for Women, Punalkulam on 23rd June 2020.
- Participated in the International Webinar on “APPLICATIONS OF ALGAE” organized by the Department of Microbiology, K.R.COLLEGE OF ARTS & SCIENCE, KOVILPATTI on 18th JULY 2020.
- has Participated in the Webinar on “Plant Taxonomy: Current Challenges and Perspectives” organized by PG and Research Department of Botany, Arignar Anna Government Arts College, Namakkal, Tamil Nadu on 30.07.2020.
- Attended National Conference on Floristic diversity and ethnic intellect of Western Ghats on November 21st 2022, Organized by Department of Botany.
- Participated in the two days NAAC Sponsored National Virtual Seminar on Innovative strategies & practices in teaching, learning and evaluation process for Arts & Science Colleges towards New Education Policy – 2022, organized by Nallamuthu Gounder Mahalingam College, Pollachi on 3rd & 4th November 2022.
- Participated in the two day International Webinar on “Sustainable Vision for Exploring Future Transformation Through Plant Sciences” Organised by the Department of Botany, St. Joseph’s College for Women (A) Gnanapuram, Visakhapatnam, on 7th & 8th December 2023.
- Participated in the District Climate Change Mission Workshop held at Kongunadu Arts and Science College, organized by Tamilnadu Government & Tamilnadu Climate Change Mission on 24.06.25.
- Participated in the IP Awareness/Training Program organized by the Intellectual Property Office, India, on 2nd July 2025.
- Participated in the national seminar on Role of microbial biotechnology in large scale food production, organized by the Department of Biotechnology, School of Arts and Science, PRIST Deemed University, Thanjavur, Tamilnadu, on 23rd July 2025.
- Participated and completed the *AICTE Training and Learning (ATAL) Academy Faculty Development Programme* on “Fostering Intellectual Property Rights Strategies for Advancing Healthcare and Medical Technology Innovations” held at *PSG College of Arts and Science, Coimbatore*, from 15th to 20th September 2025.

Papers Published in Proceedings/Book Chapters & Books:

1. Paulsamy, S., P. Senthilkumar, E. Santhoshkumar and **P. Sathishkumar** 2009. Identification of air pollution tolerant tree species for the industrial city, Erode Proceedings of the National conference on ‘Global climate change and its impact on biodiversity’ organized by Department of Plant Biology and Plant biotechnology, St.

Xavier's College (Autonomous) Palayamkottai on 19th and 20th February 2009 pp: 120 - 126.

2. **P. Sathishkumar**, 2017. A Review on Medicinal Plants with Potential Anti-Cancer Activity, Proceedings of the National conference on 'Recent Innovations in Greener Nano Technology' organized by PG Department of Chemistry, NGM College, Pollachi, on 21st July 2017 pp: 46 – 53.
3. **P. Sathishkumar**, S. Inmuky shyamala, R. Rakkimuthu, A. M. Ananda kumar and D. Sowmiya, 2019. Evaluation of *in-vitro* anti-diabetic activity of the methanolic extracts of *Allium sativum* L. skin and *Areca catechu* L. husk using yeast cells, Proceedings of National seminar on "Advanced materials for Energy, Environment and Medicinal applications"(AMEEMA-19) on 11th and 12th July 2019, sponsored by Tamilnadu State Council for Science & Technology. pp:95-100.
4. R. Rakkimuthu, **P. Sathishkumar**, A. M. Ananda kumar, D. Sowmiya, S. Sabirafathima, R. Indu, R. Nithyakamatchi, S. Ramya and S. Sinju, 2019. Antibacterial activity of methanolic fruit extract of *Cucumis trigonus* Roxb. Proceedings of National seminar on "Advanced materials for Energy, Environment and Medicinal applications"(AMEEMA-19) on 11th and 12th July 2019, sponsored by Tamilnadu State Council for Science & Technology. pp:88-91.
5. A. M. Ananda kumar *, N.Sasikumar, R. Rakkimuthu, **P. Sathishkumar** and D. Sowmiya, 2019. Organoleptic evaluation and phytochemical studies on *Phyllanthus reticulatus* Poir. Proceedings of National seminar on "Advanced materials for Energy, Environment and Medicinal applications"(AMEEMA-19) on 11th and 12th July 2019, sponsored by Tamilnadu State Council for Science & Technology. pp:101-108.
6. **P. Sathishkumar***, S. Inmuky shyamala, R. Rakkimuthu, A. M. Ananda kumar and D. Sowmiya, 2019. Evaluation of *in-vitro* anti-diabetic activity of the methanolic extracts of *Allium sativum* l. skin and *Areca catechu* L. husk using yeast cells. In: Poonkodi. K (Ed). Proceedings on national seminar on Advanced Materials for Energy, Environment and Medicinal Applications, PP:95- 100. ISBN 978-93-87009-56-1.
7. A. M. Ananda kumar *, N. Sasikumar, R. Rakkimuthu, **P. Sathishkumar** and D. Sowmiya, 2019. Organoleptic evaluation and phytochemical studies on *Phyllanthus reticulatus* Poir., In: Poonkodi. K (Ed). Proceedings on national seminar on Advanced Materials for Energy, Environment and Medicinal Applications, PP:101- 108. ISBN 978-93-87009-56-1.
8. **P. Sathishkumar**, 'Quantitative phytochemical screening of *Filicium decipiens* Wight & Arn., National Conference on- Innovations in Bio, Chemical and Food Technology, February 02, 2019, KCT Publishers
9. **P. Sathishkumar**, R. Rakkimuthu and A.M. Anandakumar, Effect of traditional herbal plant extracts of glucose level in yeast cells for diabetic disorder, Empowerment of Rural Communities through innovations in Science and Technology, ISCA KASC 2020, February, 2020, ISBN: 978-93-884-1380-0
10. **P. Sathishkumar**, 2017. A Review on Medicinal Plants with Potential Anti-Cancer Activity, Proceedings of the National conference on 'Recent Innovations in Greener Nano Technology' organized by PG Department of Chemistry, NGM College, Pollachi, on 21st July 2017 pp: 46 - 53.
11. **P. Sathishkumar**, S. Inmuky shyamala, R. Rakkimuthu, A. M. Ananda kumar and D. Sowmiya, 2019. Evaluation of *in-vitro* anti-diabetic activity of the methanolic extracts of *Allium sativum* L. skin and *Areca catechu* L. husk using yeast cells, Proceedings of National seminar on "Advanced materials for Energy, Environment and Medicinal applications"(AMEEMA-19) on 11th and 12th July 2019, sponsored by Tamilnadu State Council for Science & Technology. pp:95-100.

12. **P. Sathishkumar***, R. Rakkimuthu, A.M. Ananda Kumar, D. Sowmiya, Effect of traditional herbal plant extracts on glucose level in yeast cells for diabetic disorder, national conference on scientific input, technological advancement and women empowerment for sustainable development, 2nd and 3rd February, 2023,
13. **Sathishkumar P***, Sabari Arul S., Rakkimuthu R., Ananda Kumar A.M., Sowmiya D., Taxonomic significance on morphological and anatomical characters of *Cardiospermum halicacabum* L. and *Cardiospermum corindum* L. (Sapindaceae), Proceedings of “Novel Materials for Harnessing Green Hydrogen For Energy And Environment Applications - A Step Forward Towards National Hydrogen Mission” 01-03-2023.
14. A.M. Ananda Kumar, **P. Sathishkumar** and K. Priyadharsini, 2024. Pharmacognostical Characterisation and Phenological Observations of Traditionally Important Medicinal Plant *Crateva religiosa* G. Forst. Published By: AkiNik Publications, Publication Year: 2024 Pages: 114 ISBN: 978-93-6135-063-4 Book DOI: <https://doi.org/10.22271/ed.book.3095>
15. Dr. A.M. Ananda Kumar **Dr. P. Sathishkumar**, 2025. Unveiling the Sacred Groves and Their Medicinal Plant Wealth in the Southern Western Ghats of Tamil Nadu, India, Published By: AkiNik Publications, Traditional Medicinal Plants, Publication Year: 2025 Edition: 1st Pages: 86 Paperback ISBN: 978-93-6135-210-2 EBook ISBN: 978-93-6135-612-4 Book DOI: <https://doi.org/10.22271/ed.book.3247>.
16. **Dr. P. Sathishkumar**, Dr. A.M. Ananda Kumar and Dr. R. Rakkimuthu, 2025. Book chapter titled "A Historical Perspective on Phycology: Evolution, Research and Significance of Algal Science" of published book entitled "Modern Research and Environmental Sustainability (Volume - 4)" AkiNik Publications, having ISBN 978-93-6135-919-4. Book DOI: <https://doi.org/10.22271/ed.book.3333>
17. Dr. A. M. Ananda Kumar, Mr. K. Yuvaraj and **Dr. P. Sathishkumar**, 2025. Evaluation of the clastogenic effects of commercially available chocolate on the root tips of *Allium cepa* L. Book Title: Research in Biological Science Editors – Dr. Saurabh Sharma, Dr. Shilpa B S, Dr. K. Surendirakumar, Dr. Dhiraj Kumar Yadav First Published – June, 2025, Number of Pages: 108, ISBN Number: 978-93-48990-20-4
18. **Dr. P. Sathishkumar** and Dr. A.M. Ananda Kumar, 2025. A complete taxonomic revision on “Supplementary insights on taxonomic traits and phenotypic plasticity in some data deficient plant taxa” (Book Publishing under Progress).

DECLARATION

I hereby declare that all the above statements are true and complete to the best of my knowledge and belief.

Palladam



(P. SATHISHKUMAR)