

BIO – DATA

Dr. T.M. SATHEES KANNAN
Assistant Professor,
Department of Botany,
A.V.C. College (Autonomous),
Mannampandal,
Mayiladuthurai – 609 305.

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Dharmapuram,
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Date of Birth : 13th July, 1975
Marital Status : Married
Sex : Male
Father's Name : Thiru. A. Thirunavukkarasu
Mother's Name : Thirumathi. T. Malliga
Nationality & Religion : Indian - Hindu
Community : Karuneegar – B.C

Academic Qualification : **M.Sc., M.Phil., Ph.D., Botany.**

- ↙ **Ph.D.**, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, Bharathidasan University, November 2018, **Commended**
- ↙ **M.Phil.**, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur, Bharathidasan University, 1999 - 2001, **75.4%**
- ↙ **M.Sc.**, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, Bharathidasan University, 1997-1999, **71%**
- ↙ **B.Sc.**, Periyar Government Arts College, Cuddalore, University of Madras, 1992 - 1995, **54.5%**.
- ↙ **Higher Secondary**, Municipal Hr. Sec. School, Cuddalore, State Board, 1992
- ↙ **S.S.L.C.**, Municipal Hr. Sec. School, Cuddalore, State Board, 1990

Teaching Experiences **Sixteen Years and Six Months**

- ↙ Working as Asst. Prof. in Botany at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, Since **Aug. 2002**

Guideship (Up to 2008)

- M.Phil., Advisorship Recognition from Bharathidasan University, Tiruchirappalli
- M.Phil., Advisorship Recognition for Distance Education from Periyar University, Salem. (PRIDE)

Additional Qualification

- **P.G. Diploma** in Personal Management and Industrial Relations – Annamalai University
- **Diploma in Herbal Medicine (D.H.M)** – Mother Meera Foundation, Thanjavur
- **P.G. Diploma** in Computer Applications – Bharathidasan University, Trichy
- **M.A. Tamil** – Bharathidasan University, Trichy – Doing
- **Typewriting English – Higher; Tamil - Lower**
- **Languages Known** : Tamil & English

Honors (Awards from State, National, International and NGOs)

1. **Appreciation Award** – Akhila Bharatha Ayyappa Seva Sangam, State Council of Tamil Nadu 2007 – 2008
2. **Best NSS Programme Officer Award** – Bharathidasan University, 2009 – 2010
3. **Best Volunteer Award** – Tamil Nadu State Blood Donation Council and Tamil Nadu State AIDS Control Society on 1st October 2010
4. **Teachers' Day Honor** for writing the manual for Allied Botany for Zoology & Microbiology on 6th September 2016
5. **Nation Builder Award – 2018** – Rotary International, District 2981, Mayiladuthurai, on the occasion of Teachers' Day 2018 (Rotary India Literacy Mission)

Services in Academic and Administrative Bodies in A.V.C. COLLEGE (Autonomous)

- **Residential Tutor - Main Hostel** – 2003 – 2005, 2008 – 2009
- **Member - Board of Studies in Botany** 2007 Onwards
- **N.S.S. Programme Officer** – 2006 – 2011
- **Executive Member – Staff Club** – 2006 – 2008, 2009 - 2012, 2014 – 2015, 2017 – 2019
- **Sports Committee** – 2006 – 2007, 2009 – 2010

- ✦ **Attendance Committee** – 2006 – 2007; 2009 – 2012; 2014 – 2015
- ✦ **Member / Additional Chief Superintendent** – Examination Committee
2007 Onwards
- ✦ **Chief Invigilator** – TNPSC Examinations
- ✦ **Additional / Deputy Chief Superintendent** – TNOU / TTEU Examinations
- ✦ **Part – IV and V Coordinator** – 2009 – 2011
- ✦ **Coordinator–Red Ribbon Club (RRC)** – 2007–2008
- ✦ **Coordinator–Student’s EXNORA** – 2012–2014
- ✦ **Member – Entrepreneur Development Cell** 2013 – 2018
- ✦ **Member – Anti-Tobacco Committee** 2014 – 2018
- ✦ **Joint Secretary – Staff Club** 2015 – 2016
- ✦ **Member – Application Processing Committee** – 2016 – 2017
- ✦ **Secretary – Staff Club** 2016 – 2017
- ✦ **Member – NSS Advisory Committee** 2016 – 2017
- ✦ **Member – Reception Committee** 2017 – 2019

Conferences attended / Abstract Presented

1. Senthil Kumar, R., Sathees Kannan, T.M., Balamurugan, S and Jayanthi, G. 2003. Role of Salinity on germination of *Brugaira conjugata* Merr. In: Abstract of papers, The Golden Jubilee Year of DNA (19 – 20th Dec. 2003), conducted by Department of Microbiology and Biotechnology, Sengunthan Arts and Science College, Tiruchengode.
2. Batmanaban, N, Balamurugan, S, Sathees Kannan, T.M. and Jayanthi, G. 2003. A Study on phylloplane fungi on *Avicennia officinalis* L and *Rhizophora mucronata* Lam. In: Abstract of papers, The Golden Jubilee Year of DNA (19 – 20th Dec. 2003), conducted by Department of Microbiology and Biotechnology, Sengunthan Arts and Science College, Tiruchengode.
3. Sathees Kannan, T.M., Nagarajan, S.M. and Kulothungan, S. 2004. Micropropagation of *Solanum trilobatum* L. (12 – 13th Feb. 2004). In: Abstract of papers, **International Conference** on “Recent Trends in Biosciences”, Organized by Institute of Biological Sciences, P.G.P. College of Arts and Science, Namakkal.
4. Vadivel, S., Nagarajan, S.M., Sathees Kannan, T.M., and Ashok Raj, K.V. 2004. Purification and Characterization of Lipase form *Psuedomonas fluorescens*. In: Abstract of papers, **National Conference** on “Recent Trends in Microbial Biotechnology, (March 2004) held at SASTRA – Deemed University.

5. Suresh, T., Nagarajan, S.M., Srinivasan, D.S., Karunanithi, V., Sathees Kannan, T.M. and Rajasekaran, S. 2004. Studies on the VAM fungal association of some economically important monocot plants. In: Abstract of papers, **National Conference** on “Recent Trends in Microbial Biotechnology, (March 2004) held at SASTRA – Deemed University.
6. S. Anbazhakan, S.M. Nagarajan and T.M. Sathees Kannan. 2005. “e – business of herbal products and SHG through medicinal plants”. In: International Conference on Gender issues in E – society – WIT 2005, held at Annamalai University on 19th and 20th December 2005.
7. T.M. Sathees Kannan, S.M. Nagarajan, 2006. Effect of heavy metal on *Scenidesmes* sp. In.: Abstract of papers, **National Level Conference** on “Environmental Biotechnology”, Organized by Department of Zoology, Takkur College of Arts and Commerce, Mumbai.
8. T.M. Sathees Kannan, S.M. Nagarajan, 2006. Studies on the impact of metal pollutants on microbial populations of industrial sewage disposal soils. In.: Abstract of papers, **National Level Conference** on “Environmental Biotechnology”, Organized by Department of Zoology, Takkur College of Arts and Commerce, Mumbai on 22nd and 23rd December 2006.
9. Participated in the One Day **National Conference** on “Future Scenario of Food Nanotechnology” (FOOD TECH – 2012), organized by Department of Microbiology, A.V.C. College (Autonomous), Mannampandal on 11th January 2012.
10. Participated in **National Conference** on “Modern Trends in Biodiversity Conservation and its sustainable utilization” organized by Department of Botany, Periyar Arts College, Cuddalore on 17th July 2014.
11. P. Menaga and T.M. Sathees Kannan, 2016. “Studies on medicinal properties of *Achyranthes aspera* – A Natural source of drug”. In: Abstract of papers, **National Level Conference** on “Current Perspective of Biosciences” (20th February 2016), Organized by Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal.
12. A. Kathirvelmurugan and T.M. Sathees Kannan, 2016. “Studies on medicinal properties of *Eclipta alba* Hask– A Natural source of drug”. In: Abstract of papers, **National Level Conference** on “Current Perspective of Biosciences” (20th February 2016), Organized by Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal.
13. T. Karthikeyan and T.M. Sathees Kannan, 2016. “Medicinal Flora of Mannampandal, Mayiladuthurai Taluk, Nagappattinam District, Tamil Nadu”. In: Abstract of papers, **National Level Conference** on “Current Perspective of Biosciences” (20th February 2016), Organized by Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal.

14. T.M. Sathees Kannan, K. Jayakumar and R. Arumugam. "Studies on the distribution of Soil Fungi". In.: Abstract of papers, **National Level Conference** on "Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017)", Organized by Department of Botany and Microbiology on 5th & 6th October 2017.
15. T.M. Sathees Kannan, S. Rajasekaran and P. Malarvizhi. "Isolation of Fungi from Rhizoplane and Rhizosphere soil of *Murraya koenigii*". In.: Abstract of papers, **National Level Conference** on "Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017)", Organized by Department of Botany and Microbiology on 5th & 6th October 2017.
16. T.M. Sathees Kannan, B. Muthuraman and G. Amalan Robert. "Antibacterial activity of *Clerodendron phlomidis*". In.: Abstract of papers, **National Level Conference** on "Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017)", Organized by Department of Botany and Microbiology on 5th & 6th October 2017.
17. B. Muthuraman, T.M. Sathees Kannan and S. Mathivanan. "Screening of selected medicinal plants for their antibacterial activity". In.: Abstract of papers, **National Level Conference** on "Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017)", Organized by Department of Botany and Microbiology on 5th & 6th October 2017.
18. T.M. Sathees Kannan, S. Anbazhakan and S. Rajasekaran. "*Withania somnifera* (L) Dunal.: A Potential Medicinal Plant". In.: Abstract of papers, **National Level Conference** on "Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017)", Organized by Department of Botany and Microbiology on 5th & 6th October 2017.
19. T.M. Sathees Kannan, M. Nagarajan and Sylvia Nithya Kumari. "Antibacterial activity of *Vinca rosea* L. varieties". In.: Abstract of papers, **National Level Conference** on "Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017)", Organized by Department of Botany and Microbiology on 5th & 6th October 2017.

Seminars and Symposium attended / Abstract Presented

1. Participated in the UGC Sponsored **State Level** Seminar on "Recent Trends in Plant Science" (March 1999), conducted by the Department of Botany, A.V.C. College (Autonomous), Mannampandal.
2. S. Ravikumar, Sathees Kannan, T.M. and S. Kulothungan. 2001. Somatic Embryogenesis of *Solanum trilobatum* L. In: Abstract of papers, **State Level** Seminar on "Conservation of Biodiversity – The present and the future scenario" (23, 24th March, 2001), conducted by Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi, Tamil Nadu.
3. Participated in the UGC Sponsored **State Level** Seminar on "Perspectives of plant Sciences" (7 – 8th March 2003), conducted by the Department of Botany, A.V.C. College (Autonomous), Mannampandal.

4. Anadhapadmanaban, K., Nagarajan, S.M., and T.M. Sathees Kannan. 2003. *In vitro* Propagation of *Solanum trilobatum* L. an Indian medicinal Plant. . In: Abstract of papers, UGC **National Seminar** on “Emerging Trends in Plant Sciences” (15 – 16th March 2003), Organized by Department of Botany, Annamalai University, Chidambaram.
5. Renukadevi, M., Maheswari. C., Murali, K., Prabhakaran. V., Sathees Kannan, T.M., and Jayanthi. G., 2003. Propagation of *Weddelia chinensis* (Osbeck) Merr. Through Tissue Culture. In: Abstract of papers, UGC **National Seminar** on “Emerging Trends in Plant Sciences” (15 – 16th March 2003), Organized by Department of Botany, Annamalai University, Chidambaram.
6. Puhazhandiran. R., Nagarajan, S.M. Sathees Kannan, T.M., and Vadivel, S., 2004. Studies on the isolation of oil resistant bacteria from crude oil contaminated soil samples. In: Abstract of papers, **National Seminar** on “Microbial Biotechnology (mt-2004)” (12 – 13th Feb. 2004), conducted by Department of Microbiology, Dr. G.R. Damodaran College of Science, Coimbatore.
7. Arumugam, R., Sathees Kannan, T.M., Balamurugan, S., and Vetriselvi, J. 2004. *In vitro* Evaluation of Antifungal activity of Amphotericin B and Itraconazole against ocular fungal isolates. In: Abstract of papers, **National Seminar** on “Microbial Biotechnology (mt-2004)” (12 – 13th Feb. 2004), conducted by Department of Microbiology, Dr. G.R. Damodaran College of Science, Coimbatore.
8. Pandian, P., Nagarajan, S.M., Sathees Kannan, T.M., and Kulothungan, S. 2004. *In vitro* callus culture on *Vigna unguiculata* (L.) Walp. In: Abstract of papers, **National Symposium** on “Recent Trends in Biological Research” (17 – 19th Feb. 2004), Organized by Department of Botany and Microbiology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur.
9. Arunkumar, R., Sathees Kannan, T.M., Muthuraman, B and Balamurugan, S. 2004. Effect of Salinity on germination and photosynthetic activities of *Avicennia officinalis* L. In: Abstract of papers, **National Symposium** on “Recent Trends in Biological Research” (17 – 19th Feb. 2004), Organized by Department of Botany and Microbiology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur.
10. Anandarajan, R., Sathees Kannan, T.M., Vadivel, S and Jayanthi, G. 2004. Sea Water induced the seedlings growth of *Cerriops roxburghiana* Arn. In: Abstract of papers, **National Symposium** on “Recent Trends in Biological Research” (17 – 19th Feb. 2004), Organized by Department of Botany and Microbiology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur.
11. Abirami, A., Gnanambika, S., Kavitha, R and Sathees Kannan, T.M. 2005. *In vitro* studies on *Solanum nigrum* L. In: Abstract of papers, Golden Jubilee **State Level Seminar** on “Innovative Approaches to Plant Sciences” (Feb. 24 – 25th 2005), Organized by Department of Botany, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai.
12. Participated in the **National Seminar** on Protein Engineering NSPE – 2005 (7 – 8th March 2005), conducted by the Department of Chemical Eng., Faculty of Eng. & Technology, Annamalai University, Chidambaram.

13. Participated in One day **State Level Seminar** on “Plant Biotechnology”(14th October 2005), Organized by Department of Botany and Microbiology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur.
14. Participated in the **National Symposium** on “Introduction to Nanotechnology and Applications” organized by P.G. and Research Department of Plant Biology and Plant Biotechnology, A.V.C. College (Autonomous), held on 05th January 2009.
15. Participated in **National Level Seminar** on “Recent Trends in Biosciences” organized by School of Life Science, Thanthai Hans Rover College, Perambalur on 14th March 2009.
16. Participated in U.G.C. Sponsored **National Seminar** on “Current Status and future perspectives of Research in Biological Sciences” organized by Research and Development Cell, A.V.C. College (Autonomous), Mannampandal on 09th January 2012.
17. Participated in U.G.C. Sponsored **National Seminar** on “Conservation of Natural Resources (NASCON’12), organized by P.G. and Research Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal during 16th and 17th March 2012.
18. Participated in **National Seminar** on “Emerging Trends in Chemistry (NSATC – 2014)” organized by Department of Chemistry, A.V.C. College (Autonomous), Mannampandal during 13th and 14th March 2014.
19. Actively Participated in the U.G.C. Assisted Seminar on “Emerging Trends in Plant Science”, organized by Department of Botany, A.V.C. College (Autonomous), Mannampandal on 06th October 2014.
20. Participated One day **State Level Seminar** on “Recent Advances in Biochemistry” organized by the Department of Biochemistry, Rabiammal Ahamed Maideen College for Women, Thiruvarur on 22nd January 2015.
21. Participated in the **National Symposium** on Seaweeds – An empowering entrepreneurship (NSS – 2018), organized by P.G. & Research Department of Botany, H.H. The Rajah’s College, Pudukkottai on 9th February 2018.
22. Participated in the TEQIP II Sponsored Two Days Seminar on “Network Pharmacology – A new horizon in drug design” (August 30th and 31st 2016), conducted by the Department of Biotechnology, Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli, Tamil Nadu, India.
23. ஸ்ரீலோசனி வரதராஜலு அறக்கட்டளைச் சார்பில் தஞ்சை தமிழ்ப் பல்கலைக்கழக நாட்டுப்புறவியல் துறையும் அ.வ.அ. கல்லூரித் தமிழாய்வுத்துறையும் இணைந்து “நாட்டுப்புறவியல் ஆய்வுப் போக்குகள்”

என்னும் பொருண்மையில் நடத்திய தேசியக் கருத்தரங்கில் கலந்து கொண்டது 23rd மற்றும் 24th September 2016.

24. Published an Abstract on “Analysis of Salt tolerance in *Aegiceras corniculatum* blanco.” in U.G.C. - SAP – DRS III Sponsored National Seminar on “Recent Advances in Plant Science Research (RAPSAR – 2017), organized by Department of Botany, Annamalai University, Chidambaram (21st and 22nd March 2017).
25. Participated and presented an abstract paper on “Antifungal activity of purified phenolic fractions of *Halodule pinifolia* with potential to control plant pathogens” at **National Symposium** on “Algal Diversity and Research Status: Current Trends in Utilization and Prospects for Innovation” (21 – 23th September 2017), Organized by P.G. & Research Department of Botany and Marine Ecology & Conservation Lab, P.G. Research Department of Zoology in Association with Sea Weed Research and Utilization Association & Krishnamurthy Institute of Algology, Chennai.
26. Participated and presented an abstract paper on “Studies on the biochemical constituents of some marine macro algae of Kanyakumari coast” at **National Symposium** on “Algal Diversity and Research Status: Current Trends in Utilization and Prospects for Innovation” (21 – 23th September 2017), Organized by P.G. & Research Department of Botany and Marine Ecology & Conservation Lab, P.G. Research Department of Zoology in Association with Sea Weed Research and Utilization Association & Krishnamurthy Institute of Algology, Chennai.
27. Participated and presented an abstract paper on “Enhanced growth responses of *Sargassum wightii* extract on pulses” at **National Symposium** on “Algal Diversity and Research Status: Current Trends in Utilization and Prospects for Innovation” (21 – 23th September 2017), Organized by P.G. & Research Department of Botany and Marine Ecology & Conservation Lab, P.G. Research Department of Zoology in Association with Sea Weed Research and Utilization Association & Krishnamurthy Institute of Algology, Chennai.

Workshops attended

1. Attended **Seminar cum Workshop** on “The Internet for Teaching and Learning English” (10 – 11 January 2004) Organized by Department of English, A.V.C. College (Autonomous), Mayiladuthurai.
2. **State Level** Workshop on “Electrophoretic and Immunological Techniques” (2 – 12th June 2004), conducted by Department of Zoology, Jamal Mohamed College, Tiruchirappalli.

3. **State Level** Workshop on “Instrumentation Methods in Biological Sciences” (28 – 30th Oct. 2004), Conducted by Department of Biotechnology and Bioinformatics, Bharathidasan University, Tiruchirappalli.
4. **State Level** workshop on “Modern Tools in Marine Biotechnology” Organized by CAS in Maine Biology, Annamalai University, Parangipettai from 17 – 19 November 2005.
5. **State Level** workshop on “Techniques in Standardization of Herbal Drugs” Organized by Department of Plant Biology and Plant Biotechnology, A.V.C. College, Mayiladuthurai from 18 – 19 August 2006.
6. Participated and presented a paper in the **State Level Seminar cum Workshop** on “Dietary Management in Non-Communicable Diseases” organized by the Department of Nutrition Dietetics, Bharath College of Science and Management, Thanjavur on 15th and 16th December 2006.
7. **National Level Ten Days** Workshop on “Human Rights and Personality Development” Organized by Faculty of English, Gandhigram Rural University, Gandhigram, Dindukkal, during 1st February to 10th February 2007.
8. Participated in **One-day workshop** on Faculty Development Programme on “Research Methodology and Statistical Tools” organized by ICFAI – National College, Thanjavur on 29th September 2007.
9. Participated in the **One Day Workshop** on “Advances in Biomolecules” organized by the Department of Metallurgical and Materials Science, National Institute of Technology (REC), Tiruchirappalli on 15th march 2008.
10. Participated in the **U.G.C. Sponsored** Workshop on “Molecular Biological Tools and Techniques” jointly organized by the Research and Development Cell, A.V.C. College (Autonomous), Mannampandal and Department of Microbiology, Bharathidasan University, Tiruchirappalli held on 29th January 2011.
11. Participated in the **U.G.C. Sponsored** Workshop on “Computer Applications in Research” organized by the Research and Development Cell, A.V.C. College (Autonomous), Mannampandal held during 14th and 16th February 2011.
12. Participated **U.G.C. Aided** Workshop on “Setting Question Bank for Part – A Questions” organized by Internal Quality Assurance Cell and Office of the Controller of Examinations, A.V.C. College (Autonomous), Mannampandal on 26th & 27th December 2011.

13. Attended the **U.G.C. Sponsored** One Day Workshop on “Scientific Writing”, organized by Internal Quality Assurance Cell (IQAC) and Research & Development Cell (R&D) A.V.C. College (Autonomous), Mannampandal, held on 11th October 2014.
14. Attended the **Science Academies’ Lecture Workshop** on “Frontiers in Bioscience” (FIBS) organized by P.G. & Research Department of Botany, M.R. Government Arts College, Mannargudi from 11th to 13th July 2016.
15. Actively Participated in the **Science Academies’ Lecture Workshop** on “Perspectives in Biological Research” organized by Department of Botany A.V.C. College (Autonomous), Mannampandal from 23rd to 24th January 2017.
16. Participated in the **State Level** Workshop on “Organic Farming Production” (An Entrepreneurship Programme) organized by the P.G. and Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 27th & 28th January 2017.
17. Actively Participated in **Two Day Science Academies’ Lecture Workshop** on “Recent Advances in Biology” organized by the P.G. and Research Department of Microbiology, M.R. Government Arts College, Mannargudi on 12th and 13th October 2017.
18. Participated in the **National Level** Workshop on “Organic Terrace Garden Aspects and Prospects” organized by Department of Botany, Bharathiar University, Coimbatore on 20th December 2017.
19. Participated One Day **NPTEL Workshop**, jointly organized by K. Ramakrishna College of Technology and IIT madras on 27th July 2018.
20. Participated in Two Day **National Level Workshop** on “Enhancing Writing Skills for Research” NWEWSR – 2018, Organized by the Department of Library and information science and University Library, Manonmaniam Sundaranar University, Thirunelveli on 7th and 8th September 2018.
21. Participated in **One Day Workshop** on “Spirulina Production Technology”, Organized by the P.G. Research Department of Zoology, Kamaraj College on 26th September 2018.
22. Participated in Two Day **Workshop** on “Research Methodology, Scientific Writing & Statistical Data Analysis” Organized by Internal Quality Assurance Cell (IQAC) & Research Advisory Committee (RAC), A.V.V.M. Sri Pushpam (Autonomous), Poondi during 5th and 6th October 2018.

23. Participated in Two Day **National Level Workshop** on “Formulation and Evaluation of Herbal Drugs” Organized by P.G. Department of Botany, Ayya Nadar Janaki Ammal College, Sivakasi during 7th and 8th March 2019.

Training programmes attended

1. Participated in the One Day “Training cum Planning Programme for Red Ribbon Club” organized by Tamil Nadu State AIDS Control Society at Idaya College for Women, Kumbakonam on 30th September 2008.
2. Participated in the Training Programme on “Role of Youth in climate Change and Globalization” Organized by Rajiv Gandhi National Institute of Youth Development (Deemed University) at Sriperumbudur during 19th and 20th March 2010.
3. Attended Training programme on “Effective Teaching Method”organized by Internal Quality Assurance Cell, A.V.C. College (Autonomous), Mannampandal on 2nd& 7th September 2010.
4. Attended U.G.C. Sponsored short term Training programme on “E-CONTENT DEVELOPMENT”organized by Internal Quality Assurance Cell, A.V.C. College (Autonomous), Mannampandal during 15th September to 18th September 2012.
5. Participated in the Training Programme on “Biodiversity of Marine Flora” Sponsored by Ministry of Human Resource Development, Government of India, New Delhi, organized by Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai held during 19th and 20th March 2014.
6. Participated in the Hands on Training “To create awareness about applied zoology for self employment” Sponsored by Tamil Nadu State Council for Science & Technology and National Council for Science & Technology Communication, New Delhi, organized by P.G. & Research Department of Zoology, Govt. Arts College (Autonomous), Kumbakonam held during 11th to 13th October 2018.

Research Guidance (completed and registered)

- ✦ **Under Graduate – Group Project – 01**
- ✦ **Post Graduate – 53**
- ✦ **M. Phil., - 29 (up to 2008)**

Dissertations / Thesis Submitted

↙ **Ph.D., Programme**

- *In vitro* Culture Studies on *Withania somnifera* (L.) Dunal.
*Research Adviser – Dr. S. Anbazhakan, Assistant Professor of Botany,
H.H. The Rajah's College (Autonomous), Pudukkottai*

↙ **M.Phil., Programme**

- *In vitro* Propagation of *Solanum trilobatum* L.
*Research Adviser – Dr. S. Kulothungan, Former Professor of Botany &
Microbiology, A.V.V.M. Sri Pushpam College (Autonomous),
Poondi, Thanjavur*

↙ **M.Sc., Programme**

- Studies on Distribution of Fungi in Soil
*Research Adviser – Dr. R. Saravanamuthu, Former Professor of Botany,
A.V.C. College (Autonomous), Mannampandal,
Mayiladuthurai.*

Publications

A. Book Chapters:

1. **Practical Manual for Post – graduates** (For private circulation only).
2. **Practical Manual for Under – graduates** (For private circulation only).
3. Sankarganesh.K.,M.Nagarajan.,**T.M.Satheeskannan**.,R.Arumugam and P.Sundaramoorthy, 2014. Medicinal plants used in Nagapattinam district of Tamil nadu for the treatment of Respiratory disorders,In:Pharmaceutically important plants(Ed.R.Sangeetha)81-94.**Published by GRABS Educational charitable trust, Chennai.**(ISBN 978-81-929313-2-6)

B. Research Articles Published :

1. *In vitro* Micropropagation of *Boerhaavia diffusa* L. S.M. Nagarajan , T. Suresh, S. Rajasekaran, T.M. Sathees Kannan and S. Kulothungan, 2005. *GEOBIOS*, Vol. 32 (2-3), pp. 169 – 172.
2. Preliminary Screening of Some Plant Extracts against antibacterial activity. Vetriselvi. J., Jayanthi. G., and T.M. Sathees Kannan. Mayor 2005, Vol.1.
3. Micropropagation of *Solanum nigrum* L. – A medicinal plant, T.M. Sathees Kannan S.M. Nagarajan , and S. Kulothungan, 2006. *Plant Archives*, Vol. 6, No.1.
4. Direct shoot regeneration from nodal explants of *Bougainvillea spectabilis* Willd. S.M. Nagarajan, S. Rajasekaran, T.M. Sathees Kannan and P. Sundaramoorthy, 2006. *Plant Archives*, Vol.6, No.2, pp: 537 - 539.
5. Decolourization of Textile Dyes by some bacteria. T.M. Sathees Kannan and J. Vetriselvi. 2006. *Plant Archives*, Vol. 6, No.2.
6. In-vitro Propagation of *Accacia nilotica* (L.) Wild. S.M. Nagarajan, S. Rajasekaran and T.M. Sathees Kannan, 2006. *International Journal GEOBIOS*, Vol.33(4).
7. Plant regeneration and in vitro flowering of *Solanum trilobatum* L. – An important medicinal plant. S.M. Nagarajan, T.M. Sathees Kannan, S. Rajasekaran, and S. Kulothungan. 2007. *Jr. Curr. Sci.*, Vol. 10(1).
8. In-vitro studies on antibacterial effect of rhizome extracts from *Zingiber officinale*. 2008. *International Journal Hamdord Medicins*.
9. Rajesh. M, Kaliyamoorthy Jayakumar, T. M. Sathees Kannan. Effect of Biofertilizers Application on Growth and Yield Parameters of Green Gram (*Vigna radiata*) (L) R. Wilczek).. *International Journal of Environment and Bioenergy*, 7(1): 43-53, 2013. (ISSN: 2165-8951)
10. Rajesh. M, Kaliyamoorthy Jayakumar, T.M. Sathees Kannan and K. Sankar Ganesh. Influence of Sugar Mill Effluent on Seed Germination and Seedling Growth of Cluster Bean (*Cyamopsis tetragonaloba* (L) Taub). *International Journal of Environment and Bioenergy*, 7(2): 54-62, 2013. (ISSN: 2165-8951)
11. Kaliyamoorthy Jayakumar, M.Rajesh, T.M.Sathees kannan, S.Rajasekaran and P. Vijayarengan. Traditional knowledge and utility of medicinal plants in cauvery delta region, Aduthurai, Tanjore district, Tamil nadu, India, *International Journal of Modern Biology and Medicine*, 3(3):135-143, 2013. (ISSN: 2165-0136)

12. Kaliyamoorthy Jayakumar, T.M. Sathees Kannan and M. Nagarajan. Effect of Raw and Biologically Treated Municipal Waste Water on Growth of Paddy (*Oryza sativa* L.). International Journal of Environment and Bioenergy, 7(1): 1-9, 2013. (ISSN: 2165-8951)
13. Kaliyamoorthy Jayakumar, T.M. Sathees Kannan, M. Rajesh and P. Vijayarengan. Effect of cobalt chloride on biochemical constituents, mineral status and antioxidant potentials in sesame (*Sesamum indicum* L.). International Journal of Modern Plant & Animal Sciences, 1(2): 67- 81, 2013. (ISSN: 2327-3364)
14. Sathees Kannan. T. M, Kaliyamoorthy Jayakumar, L.Bsakaran and M. Rajesh. In-Vitro Studies on *Cardiospermum halicacabum* L.- A Medicinal Herb. International journal of Traditional & Natural medicine,3(1):1-10, 2013. (ISSN 2167-1141)
15. Sathees Kannan T.M, M. Rajesh, Kaliyamoorthy Jayakumar. Comparative Study of Certain Biochemical Parameters in Normal and Infected Leaves of Some Important Plants. International Journal of Modern Biochemistry, 2(1): 50-54, 2013. (ISSN: 2169-0928)
16. Sathees Kannan, T.M., M.Rajesh and Kaliyamoorthy Jayakumar*, Effect of fungicide (Sivic) on Seed germination and Seedling growth in *Oryza sativa* L. International Journal of Modern Biology and Medicine, 5(1):1-4, 2014. (ISSN: 2165-0136)
17. Sathees Kannan. T. M, Sowthariya. Sand S. Anbazhakan. In-Vitro mass propagation of *Withania somnifera* Dunal. Using seaweed extract. International Letters of Natural Sciences, Vol. 24: 8-14, 2014. (ISSN 2300-9675)
18. Kaliyamoorthy Jayakumar, Rajesh. M and T.M. Sathees Kannan. Impact of Sugar Mill Effluent on Photosynthetic Pigment content and Biochemical constituents' variance of Cluster Bean (*Cyamopsis tetragonaloba* (L) Taub). International Journal of Environment and Bioenergy, 9(3): 143-160, 2014. (ISSN: 2165-8951)
19. Kaliyamoorthy Jayakumar, T.M. Sathees Kannan and P. Vijayarengan. *Leucas aspera* L. – Medicinal Herb. International Journal of Traditional and Natural Medicines, 5(1): 1-5, 2015. (ISSN: 2167-1141)
20. Sheela T., T. M. Sathees Kannan, Kaliyamoorthy Jayakumar. Evaluation of Bio Control Efficacy of Synbiotic Cherry (*Prunus avium*. L.) Juice. International Letters of Natural Sciences, Vol. 42: 62-68, 2015. (ISSN: 2167-1141)
21. Kaliyamoorthy Jayakumar, T.M. Sathees Kannan, P. Thamizhiniyan and P. Vijayarengan. Evaluation of Phytochemicals Analysis, Medicinal Properties and Nutritional Value of Sesame Seeds (*Sesamum indicum* L). International Journal of Modern Biology and Medicine, 2015. Vol.6 (2), 129 – 135. (ISSN:2165-0136)
22. T.M. Sathees Kannan and S. Anbazhakan. Direct regeneration of *Withania somnifera* (L) Dunal – A medicinal plant”. World Scientific News, 2015. WSN 24(2015) 116 – 1, EISSN: 2362 – 2192.

23. Antifungal activity of purified phenolic fraction of *Halodule pinifolia* with potential to control plant pathogens. 2017. *Seaweed Research and Utilization*, 39(2), 56 – 59.

C. Proceedings Published in Seminars/Conferences etc.,

1. The Study of Foliar Application of Nutrients on Plants to minimize environmental pollution. P. Anbusrinivasan, D. Ilangeshwaran and T.M. Sathees Kannan. 2004. *In: Proceedings of Regional Symposium on Environmental Impact Assessment and Control – 2004 (RSEIAC – 2004)*. Department of Chemistry, A.D.M. College for woman, Nagapattinam.
2. Stomatal Studies on Some Medicinal Plants. S. Senthil, T.M. Sathees Kannan, S.M. Nagarajan and S. Balamurugan. 2005. *In: Proceedings of National Conference in Plant Sciences*, Vol.-II, Department of Botany, Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar, Maharashtra.
3. Comparative Studies on Certain Physiological parameters in Normal and Infected Leaves of some local flora. S. Kannathasan, T.M. Sathees Kanan, S. Balamurugan and S.M. Nagarajan. 2005. *In: Proceedings of National Conference in Plant Sciences*, Vol.-I, Department of Botany, Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar, Maharashtra.
4. A Study on the Effect of *Spirulina platensis* as a feed for Broiler chicks. R. Ramamoorthy, S. Balamurugan, T.M. Sathees Kannan and S.M. Nagarajan. 2005. *In: Proceedings of National Conference in Plant Sciences*, Vol.-I, Department of Botany, Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar, Maharashtra.
5. “மயிலாடுதுறை அருகில் உள்ள பாடல்பெற்ற தலங்கள்”. தி.ம. சதீஷ் கண்ணன். தமிழ்நாடு தொன்மையியல் ஆய்வு நிறுவனம், சென்னை மற்றும் அ.வ.அ. கல்லூரி (தன்னாட்சி) வரலாற்றுத் துறை இணைந்து நடத்திய நாகை மாவட்டத் தடயங்கள் என்ற கருத்தரங்கம் (09 மற்றும் 10 மார்ச் 2013).
6. “வள்ளலார் கண்ட ஒருமைப்பாடு”. தி.ம. சதீஷ் கண்ணன். இந்திய பல்கலைக்கழகத் தமிழாசிரியர் மன்றம், மதுரை காமராசர் பல்கலைக்கழகம் மற்றும் தஞ்சாவூர் தமிழ்ப் பல்கலைக்கழக நாட்டுப்புறவியல் துறை, இலக்கியத்துறை ஆகியவற்றின் சார்பில் 45-ஆம் பன்னாட்டு ஆய்வுக் கருத்தரங்கம். தமிழ்ப் பல்கலைக்கழகம், தஞ்சாவூர் (17 மற்றும் 18 மே 2014).
7. “சமரச பஜனை காரணப்பட்டு ச.மு. கந்தசாமிப் பிள்ளை - வாழ்க்கைக் குறிப்பு”. தி.ம. சதீஷ் கண்ணன். 2015. தமிழியல் ஆய்வுப் போக்குகள்

என்ற பொருண்மையில் நடைபெற்ற தேசியக் கருத்தரங்கம். தமிழ்த்துறை, சன்மார்க்கசபை கணேசர் கலை அறிவியல் கல்லூரி, மேலைச்சிவபுரி, புதுக்கோட்டை.

8. கரிசாலை - வள்ளலார் காட்டிய ஞான மூலிகை. தி.ம. சதீஷ் கண்ணன். புதுச்சேரி மொழியியல் பண்பாட்டு ஆராய்ச்சி நிறுவனம் நடத்திய ஆர் அனைத்திந்திய ஆராய்ச்சிக் கழகத்தின் பதின்மூன்றாவது பன்னாட்டுக் கருத்தரங்கம், 16 மற்றும் 17 டிசம்பர் 2017. (இக்கட்டுரை சிறந்த கட்டுரையாகத் தேர்ந்தெடுக்கப்பட்டது)

Orientation Programme / Refresher Programme:

1. Actively participated in **General Orientation Course** organized by Training, Orientation and Research Centre, **National Service Scheme**, Madras School of Social Work, Chennai during 7th to 16th September 2009.
2. Actively participated in **Refresher Course** conducted by Training, Orientation and Research Centre, **National Service Scheme**, Madras School of Social Work, Chennai during 09th to 13th August 2010.
3. Participated in the technical sessions of the **National Level Orientation** Program for “Scientific Writing and Research Publications” organized by Department of Biotechnology, AMET University, Kanathur, Chennai on 4th February 2011.
4. Actively participated Science Academies’ **Refresher Course** on “Plant Taxonomy, Biodiversity and Ethnobotany” Sponsored by IASc, INSA & NASI and Organized by V.O. Chidambaram College, Thoothukudi during 12th to 25th November 2018.

Other Activities

1. Organized the **Educational Field Trip** for I and II M.Sc., Botany students to Cochin, Allepy, Athirapally, Kottayam and Thekkady during 18th to 23rd march 2006.
2. Acted as **External Examiner** to conduct M.Phil., Viva-voce examination at Department of Microbiology, Thanthai Han’s Rover College, Perambalur on 27th January 2007.
3. Participated as a **Member** in Crowd Regulation and Management Committee, Arulmigu Mayuranatha Swami Thirukoil Thula Urchavam – 2008. Organized by Sub – Collector Office, Mayiladuthurai on 13th October 2008.

4. Acted as a **District Coordinator**, Nagapattinam District for “One Lakh Plants One Hour – Plantation Programme” Jointly Organized by Bharathidasan University N.S.S. Cell, Isha Yoga Centre, Coimbatore and Premier Lions Club, Tiruchirappalli on 21st October 2008.
5. Acted as a **District Coordinator**, Nagapattinam District for “Mega Blood Donation Camp” Jointly organized by Bharathidasan University N.S.S. Cell, Anna University, Chennai and TANSBTC, Chennai to obtain Guinness Record held at A.V.C. College (Autonomous), Mannampandal on 22nd February 2009.
6. Organized a **field trip** for I & II M.Sc., Botany Students to Northamalai and kolli Hills during 27th & 28th march 2009.
7. Attended the meeting as a **Member** of “Mayiladuthurai Cleaning Programme” organized by Sub – Collector Office, Mayiladuthurai, as a direction given by District Collector, Nagapattinam District on 29th June 2009.
8. Attended the meeting on “Plantation in Waste Lands Programme” organized by District Collector, Nagapattinam District on 31st August 2009.
9. Participated as one the **Resource Persons** in the “Workshop to finalize the Handbook on Youth in Panchayat Raj” held at Rajiv Gandhi National Institute of Youth Development (Deemed University), Sriperumbudur during 11th to 13th March 2010.
10. Acted as **District Coordinator** and conduct “Semmozhi Thodarottam” at Mayiladuthurai organized by Bharathidasan University N.S.S. Cell, Tiruchirappalli on 5th June 2010.
11. Acted as a **Master Trainer** for CENSUS – 2011, under the guidance of District Coordinator (CENSUS) & District Backward Class and Ministry Welfare Officer, Nagapattinam District.
12. Accommodate the II – M.Sc., students to Horticultural Practices at Raja’s Nursery Garden, Sembanarkoil on 3rd July 2012.
13. Conducted a **field trip** to Kodiakarai forest for II – M.Sc., Students on 18th July 2012.
14. Organized the **Educational Field Trip** to Erode, Cochin, Guruvayur, Kottayam and Madurai for U.G and P.G students from 3rd to 8th march 2013.
15. Acted as a **Resource Person** in Agriculture Seminar and Deliver a technical lecture on “Soil with Microbes” organized by Puducherry Government Agriculture Department, Karaikkalon 18th August 2015.
16. Acted as a **Resource Person** in the NSS Day Celebration at A.R.C. Viswanathan College, Mayiladuthurai on 30th September 2015.

17. Participated in the game of Ball Badminton and got Runners up position in the Inter – Collegiate **Staff Tournament**, organized by Department of Physical Education, A.V.C. College (Autonomous) on March 2016.
18. Acted as a **Judge** in the Puthiya Thalaimurai Aayutham Seivom’s “Veethuku Oru Vingaani – 2016” Science Fest held at Sri Lalithambiga Mat. Hr. Sec. School, Poonthottam organized by New Generation Media Corporation Private Limited.
19. Acted as a **Resource Person** and delivered a Special Lecture on “Disaster Management” on 22 – 09 – 2016 at Special Camp of N.S.S., Dharmapuram Adhinam Arts College, Dharmapuram.
20. Acted as a **Resource Person** in “N.S.S. Volunteers Orientation Programme” organized by N.S.S. Units of A.V.C. College (Autonomous), held at A.V.C. College (Autonomous), Mannampandal on 23rd September 2016.
21. Acted as an **Evaluator/Judge** for Science Exhibition, 24th National Children’s Science Congress – 2016 held at A.R.C. Kamatchi Matric Hr. Sec. School. Organized by National Council for Science & Technology Communication DST, Govt. of India and Tamilnadu Science Forum.
22. Acted as an **Evaluator** for Science Exhibition, 25th National Children’s Science Congress – 2017 held at Sri Gurugnana Sambandar Metric. Hr. Sec. School, Vaitheeswarankoil, Organized by National Council for Science & Technology Communication DST, Govt. of India and Tamilnadu Science Forum, on 16th November 2017.
23. Acted as a **Resource Person** and deliver a lecture on “Herbal Medicine” at Mannampandal Village, organized by N.S.S. of A.V.C. College (Autonomous) on 12th March 2017.
24. Acted as a **Resource Person** and give the Orientation to N.S.S. Volunteers at A.V.C. College (Autonomous) on 14th October 2017.
25. Acted as a **Judge** in IMPART Science Exhibition, Thiruvarur District Level Exhibition organized at BSA Matriculation Higher Secondary School, Mannargudi on 17th February 2018.
26. Acted as a **Resource Person** and delivered a lecture on “Mushroom Cultivation Technology” at Vadakarai Village and Mela Parasalur Village organized by N.S.S. of A.V.C. College (Autonomous) on 16th march 2018.
27. Acted as a **Judge** in Oral Competition for 150th Year of Gandhiji’s Birth Day Celebration, organized by A.V.C. Institutions on 10 – 10 – 2018 at Department of Tamil, A.V.C. College (Autonomous), Mannampandal.
28. Acted as an **Evaluator** for Science Exhibition, 26th National Children’s Science Congress – 2018 held at Best Matriculation Hr. Sec. School, Sirkali, Organized by National Council for Science & Technology Communication, Govt. of India and Tamilnadu Science Forum, on 27th November 2018.

29. Acted as a **Resource Person** and delivered a lecture on “**Panchagavyaa preparation and its applications**” to the Nagapattinam farmers through training programme held at krishi vigyan kendra, sikkal village, nagapattinam district organized by **department of horticulture and plantation crops**, Nagapattinam on **01 – 03 – 2019**.
30. Acted as a **Special Guest** and delivered a special lecture at NSS Special Camp Valedictory Function at Kodangudi Village organized by Dharmapuram Gnanmbika Government Arts College for Women, Mayiladuthurai on **05 – 03 – 2019**.