

PROFILE

NAME : **Dr. Mrs. Anita Kannagi**
DESIGNATION : Associate Professor
DEPARTMENT : Zoology
DATE OF BIRTH : 19.11.1963
DATE OF APPOINTMENT : 11.07.1991



CONTACT DETAILS

PRESENT ADDRESS : 14/1/35, Mahatma Gandhi Road,
Thamaraikulam, Periyakulam,
Theni District.

PERMANENT ADDRESS : 2/127, East Street,
Vellalanvilai (PO)
Pitchivilai, Tiruchendur Taluk
Thoothukudi (Dt)

Email ID : anitazoo@annejac.ac.in

S.No.	DEGREE	UNIVERSITY / INSTITUTION	YEAR
1	Ph.D.	M. S. University, Tirunelveli	2012
2	M.Phil	St. Xavier's College, M. K. University, Madurai	1987
3	M.Sc.	St. Xavier's College, M. K. University, Madurai	1986
4	B.Sc.	Sarah Tucker College, M. K. University, Madurai	1984

TOTAL EXPERIENCE : 33 years

AREA OF SPECIALIZATION: Biodiversity, Entomology

RESEARCH PUBLICATIONS:

INTERNATIONAL:

- ❖ Santhi, V., V. Sivakumar, **Anita Kannagi** and D. Rani 2011. Analgesics, anti-pyretic, and anti-inflammatory activities of Hexane: Chloroform extract of Prosobranch mollusc *Chicoreus virgineus* in Albino rats. International Journal of Applied Biotechnology and Biochemistry. 1(1):289-299.

- ❖ **Anita Kannagi**, V. Sivakumar, V. Santhi and Jemima Florence Borgia 2013. Hymenopteran diversity in a deciduous forest from South India. *International Journal of Biodiversity and Conservation*. Vol. 5(10), pp. 666-670.
- ❖ P. Subha Devi, V. Santhi, **Anita Kannagi** and J. Jeya Shobana 2014. Antibacterial Activity, Preliminary Phytochemical Screening and ¹Hnmr Analysis of *Senna auriculata* and *Abuliton indicum*. *International Journal of current microbiology and applied sciences*. Volume 3 Number 8 (2014) pp. 1069-1076
- ❖ Janaki, M., V. Santhi, **Anita Kannagi**. 2015. Bioactive potential of *Fusinus nicobaricus* from gulf of mannar. *International Journal of Pharmaceutical Research and Bio-Science*. Volume 4(5): 262-270.
- ❖ **Anita Kannagi**, V. Sivakumar, V. Santhi. 2016. Diversity of Dragonflies (Insecta: Odonata) in a Deciduous Forest of Thoothukudi District, Tamil Nadu, South India. *International Journal of Environmental Protection and Policy* 2016; 4(3): 58-63
- ❖ V. Santhi **Anita Kannagi** 2016. Antimicrobial compounds from *Trochus radiatus*. *International Journal of Multidisciplinary Research Review*, Vol.1, Issue - 21, Nov -2016. Page – 113-119.
- ❖ V. Santhi and Anita **Kannagi** Antimicrobial compounds from *Trochus radiates* *International Journal of Multidisciplinary Research Review* 2016 1(21)113- 119 ISSN - 2395-1877. *Impact Factor: 3.567 UGC No 44945*
- ❖ Shobia Banu and **Anita Kannagi** Spider Faunal Diversity in Paddy Field (*Oryza sativa*) Ecosystem at Utamapalayam in Theni District *World Journal of Pharmaceutical Research* ISSN: 2277-7105, Vol. 5(7), 2016.
- ❖ T. Nirmala, Arockiam Thaddeus, **Anita Kannagi**, V. Santhi, S. Catherine P. Alexander, C. Sagaya Rani, M.R. Delphine Rose, V. Jemima Florence Borgia, S. Iruthaya Kalai Selvam, L. Merlin Dayana, A. Irudaya Lourdu Gladis, S. Devashanthi, P. Pushpa and R. Medona Mary, 2021. "Establishment of Water Quality Index in Different Waters of Theni and Dindigul Districts". *International Journal of Poll Res.* 40 (2): 485-492.

NATIONAL

- **Anita Kannagi**, J.Rani, and V. Santhi, 2011. Distribution of Lepidopterans from a deciduous forest and a mangrove forest from South India. *Pestology* Vol. XXXV No. 5, 42-46.
- Rani, J., **Anita Kannagi**, V. Santhi, 2012. Correlation of total heterotrophic bacterial load in relation with hydrographical features of Pazhayakayal estuary, Tuticorin, India. *Journal of Environmental Biology*, 33, 769-773.

- Santhi V., V. Sivakumar, M. Mukilarasi and **Anita Kannagi** 2013. Antimicrobial substances of potential biomedical importance from *Babylonia zeylanica*. Journal of Chemical and Pharmaceutical Research, 2013, 5(9):108-115.
- B. Vennila and **Anita Kannagi**, 2015. Green synthesis of silver nanoparticles from pomegranate (*punica grana. tum*) leaf, flower and fruit extract. World Journal of Pharmaceutical Research. Volume 5, Issue 3, 1896-1903. ISSN 2277– 7105. SJIF Impact factor 6.805.
- Gnana Geetha I, Prema and **Anita Kannagi** Diversity and Distribution of Spider in Paddy field Ecosystem of Jeyamangalam, Theni District, Tamil Nadu JAC Josham, 2019.

Papers Published in Proceedings:

- V. Santhi and **Anita Kannagi** attended UGC Sponsored one day National Level Seminar on Recent Trends in Nano- Biotechnology, Bioinformatics, Bio-Diversity and its Conservation and Environmental Impact on Global warming and presented paper on Antibacterial activity and preliminary Phytochemical screening of *Acalypha indica* APA College of Arts and Science, Palani on 13th October 2014. Page No 134-142 ISBN No 7360667090-8.
- **Anita Kannagi** and Santhi. V attended UGC Sponsored National Seminar on “Interdisciplinary application of biology and presented paper on Hymanopteran diversity in Mangroove forest from South India. At J. A. College for women (Autonomous)] 28th – 29th January 2015 ISBN 978-81-923038-6-4.
- V. Santhi & **Anita Kannagi** attended UGC Sponsored National Seminar on “Interdisciplinary application of biology and presented paper on Antibacterial Activity and Preliminary Phytochemical Screening of *Leucas aspera* at J. A. College for women (Autonomous) on 28th -29th January 2015 ISBN 978-81-923038-6-4.

PRESENTATIONS: Papers entitled,

- ♦ **Studies on the effect of different diets on bioenergetics in fish *Labeo rohita* (Hamilton)** in a National seminar on “conserve mother earth – need of the hour” at J. A. College for Women (Autonomous), Periyakulam on 9th & 10th March, 2009.
- ♦ **Studies on the quality of Borewell water in Periyakulam and its surrounding areas a**

Statistical analysis in a National Seminar on “New Frontiers in Biology” at J.A. College for Women (Autonomous) on 18th & 19th December, 2012.

- ♦ **Impact of Tannery industrial effluent on the quality of ground water in Dindigul District** in a National Seminar on “New Frontiers in Biology” at J. A. College for Women (Autonomous) on 18th & 19th December 2012.
- ♦ **Antibacterial activity and preliminary phytochemical screening of *Leucas aspera* and Hymenopteran diversity in a mangrove forest from South India** in a UGC sponsored National Seminar on “Interdisciplinary Application of Biology” at J. A. College for Women (Autonomous) on 28th & 29th January, 2015.
- ♦ **Diversity of Dragonflies (Insecta: Odonata) in a Deciduous Forest of Thoothukudi District, Tamil Nadu, South India** in 2016 International Conference on Energy, Environment and Natural Resources (ICEENR2016) held at Hangzhou, China on 27th & 28th May 2016.

Seminars / Conferences / Webinars attended

1. International Awareness Workshop and Training Programme on Bio Ethics Education at J. A. College, Periyakulam on 20.01.2005.
2. Workshop on Bio Diversity Measures at J. A. College Periyakulam on 24.02.2005 and 25.02.2005.
3. UGC sponsored National seminar on organic Farming trends and challenges at Arul Anandar College, Karumathur on 27.09.2006 and 28.09.2006.
4. National Seminar on Environmental Bio technology for human welfare at J.A College, Periyakulam on 07.12.2006 and 08. 12.2006.
5. UGC sponsored National Conference on Recent trends in understanding and applying the theory and practice the values at J. A. College, Periyakulam on 11.01.2007 and 12.01.2007.
6. State level seminar on “Academic uses of Internet at J. A. College, Periyakulam on 26.03.2007.
7. National Seminar on “Participative and Responsive organizational Dynamics for quality improvement in autonomous colleges” at J. A. College, Periyakulam on 19.12.2007 and 20.12.2007.
8. National Conference on “Quality and Relevance in Higher Education-New Challenges” at J. A. College for Women (Autonomous), Periyakulam 2nd & 3rd March, 2009.
9. One day seminar on “Modern Biological Sciences” at J. A. College for Women (Autonomous), Periyakulam on 27th January, 2009.
10. University level workshop on “Application of statistical packages in biology” at J.A. College for Women (Autonomous), Periyakulam on 11th & 15th February, 2009.

11. Seminar on “Conserve the Mother Earth-Need of the Hour” at J. A. College for Women (Autonomous), Periyakulam on 9th & 10th March, 2009.
12. National seminar on “New Frontiers in Biology” at J.A. College for Women (Autonomous), Periyakulam on 18th & 19th December, 2012.
13. State level seminar on “Statistical Packages for the Social Sciences” at J.A. College for Women (Autonomous), Periyakulam on 11th to 15th February, 2013.
14. International seminar on “Modern trends in Applied Microbiology” in J. A. College for Women, Periyakulam on 19. 08. 2013.
15. National seminar on “Reforms in curriculum Development and examination system J. A. College for Women, Periyakulam on 13.11.2013.
16. State level seminar on “Statistical Packages for the Social Sciences” at J. A. College for Women, Periyakulam from 11th to 15th February, 2013.
17. National seminar on “Interdisciplinary Application of Biology” at J. A. College for Women, Periyakulam on 28th & 29th January, 2015.
18. Leadership Training Programme for the faculty Members of Jayaraj Annapackiam College for women (Autonomous), Periyakulam organized by the centre for education beyond curriculum (CEDBEC), Christ University on 29th & 30th June 2015.
19. State level workshop on “Statistical Packages for social sciences (SPSS) at J.A. College for Women, Periyakulam on 24th & 28th August, 2015.
20. Workshop on “Polymerase Chain Reaction Techniques” ” at J. A. College for Women, Periyakulam from 2nd September, 2015.
21. UGC Sponsored National seminar on “Ranking the research Publications: Citation Analysis, Citation Databases and Anti- Plagiarism” at J. A. College for Women, Periyakulam from 27th to 28th January, 2016.
22. “2016 International Conference on Energy, Environment and Natural Resources” (ICEENR2016) held at Hangzhou, China on 27th & 28th May, 2016.
23. NAAC sponsored National Conference on “Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and solutions” organized by IQAC on 29th & 30th September, 2016.
24. International Conference on Energy, Environment and Natural Resources (ICEENR 2016) in Hangzhou, China on 27th & 28th May, 2016.
25. National NAAC Sponsored National Conference on Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and Solutions at J. A. College for Women, Periyakulam 29th to 30th September, 2016.
26. National Workshop on Microbial tool and Bioremediation (NWMB – 2017) at Jayaraj Annapackiam College for Women, Periyakulam on 09th & 10 Feb. 2017.
27. International Workshop on STATISTICS USING EXCEL AND SPSS at J. A. College for women, Periyakulam on 5th and 6th September 2017.
28. National Seminar on “Emerging Trends in Life Sciences” at J.A. College for women, Periyakulam on 9th January 2018.
29. Workshop on Women in Science and Research at J.A. College for women, Periyakulam on 19th & 20th February, 2018.

30. One day awareness Programme on “Importance of intellectual property rights” at MT University, Kodaikanal on 8th February 2019.
31. Two days National seminar on Emerging Trends in current Environmental Issues at Jayaraj Annapackiam College for women, Periyakulam on 11th and 12th December 2019.
32. Online assessment for Novel Corona virus (COVID – 19) by URS Training Services LLC Approved training partner of KHDA & ACTVET on 07.04.2020.
33. Online Quiz on COVID – 19 by Sipna College of Engineering and Technology, Amravati on 01.05.2020.
34. “Zoological Picture Quiz Competition” by V. O. Chidambaram College, Thoothukudi on 13.05.2020.
35. National Level Quiz Competition “Stay Safe Quiz on Literary Critics” by Department of English (SF), Kamaraj College, Thoothukudi on 17.05.2020.
36. National Webinar on “Taking Research forward during the Pandemic” by Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai on 20.05.2020.
37. National Webinar on “History of Covid 19 Pandemic” by Jayaraj Annapackiam College for women, Periyakulam on 22.05.2020.
38. Webinar on “Introduction to the world of butterflies – our winged jewels” by Nature Club of Rajapalayam Rajus’ College and Wildlife Association of Rajapalayam (WAR), Rajapalayam on 23.05.2020.
39. National Level Webinar on “Proteogenome approaches towards Biomarker Discovery” by Department of Zoology, Tirunelveli Dakshina Mara Nadar Sangam College, T. Kallikulam, Tamil Nadu on 23.05.2020.
40. Three Day Online National Level Workshop on “DNA Barcoding” by Department of Biotechnology, Islamiah College (Autonomous), Vaniyambadi on 22.05.2020 to 24.05.2020.
41. Online Training Course on “Beekeeping” by PG and Research Department of Zoology, Khadhir Mohaideen College, Adirampattinam on 19.05.2020 to 25.05.2020.
42. Quiz on Pandemic Diseases – 2020 by PG and Research Department of Zoology, Yadava College, Madurai on 22.05.2020 to 26.05.2020.
43. Webinar on COVID – 19 Pandemic: What it is and how it came by Department of Biotechnology, Christ College, Rajkot on 26.05.2020.
44. Webinar on “Role of Intellectual Property and Innovation Management in Engineering Science under Make in India” by IETC Chennai centre on 27.05.2020.
45. National Webinar on “Outcome Based Education” by Internal Quality Assurance Cell, Jayaraj Annapackiam College for women, Periyakulam on 22.05.2020 to 29.05.2020.
46. International Webinar on Brief Perspectives of nanotechnology – Biosynthesis and Bio - application of Nanoparticles by PG and Research Centre of Zoology, Jayaraj Annapackiam College for women, Periyakulam on 27.05.2020 to 29.05.2020.
47. National Level Webinar on “Birds – Our feathered friends” by Nature Club of Rajapalayam Rajus’ College and Wildlife Association of Rajapalayam (WAR), Rajapalayam on 29.05.2020.
48. International Webinar on “Current Applications of NMR Spectroscopy” by Nature Club of Rajapalayam Rajus’ College and Wildlife Association of Rajapalayam

- (WAR), Rajapalayam on 29.05.2020.
49. Webinar on COVID 19 Reportage - Is the Social Media Complementing the Mainstream Media? by Department of Journalism and Mass Communication, Fatima College, Madurai on 29.05.2020.
 50. Webinar on “Magnetic Nanocarriers for Enhanced Enzyme Activity” by Department of Biotechnology, Prathyusha Engineering College, Chennai on 30.05.2020.
 51. Two Day National Webinar on “Impact of COVID-19 in Service Sector: Strategies to Overcome the Challenges” by Jayaraj Annapackiam College for women, Periyakulam and Auxilium College (Autonomous) Vellore on 01.06.2020 & 02.06.2020.
 52. Webinar “Free Statistical Tool for Research Data Analysis and Research Publications with Special Reference to Citation, Impact Factor and h index” by The Library, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Tamil Nadu on 01.06.2020 & 02.06.2020.
 53. Two day International e conference on “Recent Biological Perspectives” by Department of Biochemistry, V. V. Vanniaperumal College for Women, Virudhunagar on 02.06.2020 & 03.06.2020.
 54. National Webinar on “Digital tools for effective teaching” by Department of Commerce with Computer Applications, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Tamil Nadu on 04.06.2020.
 55. Two day National Webinar on “Biotechnological and Immunological Perspectives of Pandemic Disease” by Aditanar College of Arts and Science, Veerapandianpatnam, Tiruchendure, Thoothukudi District on 09.06.2020 & 10.06.2020.
 56. Online quiz on “General Botany” by Department of Botany, D. K. M. College for Women (Autonomous), Vellore, Tamil Nadu on 12.06.2020.
 57. National Webinar on “Women in Entrepreneurship” by Entrepreneurship Cell, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Tamil Nadu on 15.06.2020.
 58. Webinar on impact of plastic pollution on bio-diversity by Department of Zoology, S. T. Hindu College, Nagercoil on 16.06.2020.
 59. Certificate of Achievement “National level English Language Proficiency Test” by Aurora’s Technological and Research Institute on 18.06.2020 to 22.06.2020.
 60. Webinar Series - Scholars who rocked the world - "REBELLION EINSTEIN" by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur on 24.06.2020.
 61. Cyber Security: No more tomorrows by IIIT, Alahabhad on 25.06.2020.
 62. Webinar Series - Scholars who rocked the world - "Sir. ISAAC NEWTON", by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur on 26.06.2020.
 63. Webinar Series - Scholars who rocked the world - "NEED OF SOCRATES IN MODERN WORLD", by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur on 27.06.2020.
 64. Webinar Series - Scholars who rocked the world - "PHILOSOPHER BRUNO” by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur on 28.06.2020.
 65. Webinar Series - Scholars who rocked the world - "FATHER OF EVOLUTION THEORY – CHARLES DARWIN” by Jansons Institute of Technology, Coimbatore

- and Tamil Nadu Science Forum, Tirupur on 29.06.2020.
66. Two Days National Webinar on “Biodiversity Conservation and its Management” by Zoology and Biotechnology Department of Government Girls P. G. College, Ujjain (M. P), in collaboration with Zoological Society of India (ZSI) and Society of Life Sciences (SLSc) on 15.07.2020 & 16.07.2020.
 67. The National Webinar on “Developing Writing Skills” by Department of English in association with Internal Quality Assurance Cell of Milagres College, Hampankatta, Mangaluru on 29.07.2020.
 68. Online faculty development programme on spectroscopic techniques under DBT star College scheme by PG and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirapalli on 03.08.2020 to 05.08.2020.
 69. International webinar on “Recent Trends in Life Sciences” by PG and Research Centre of Zoology, Jayaraj Annapackiam College for women, Periyakulam on 05.01.2021 and 06.01.2021.
 70. National webinar on “Creation of Academic Accounts” by Library. Jayaraj Annapackiam College for women, Periyakulam on 18.03.2021.
 71. National webinar on “Microbes as Biopreservatives” by Department of Zoology, V. V. Vanniaperumal College for Women (Autonomous), Virudhunagar.
 72. National webinar on “Quality Enhancement Initiative Through Innovative practices” by Jayaraj Annapackiam College for women, Periyakulam on 03.05.2021.
 73. National webinar on “Intellectual Property Rights (IPR) by Kamaraj College, Thoothukudi on 19.05.2021.
 74. International webinar on “Role of Nanotechnology in Current Scenario” by Sri Venkateswara University, Tirupati, Andhra Pradesh on 27.05.2021 & 28.05.2021.
 75. National webinar on “Recent Trends in the Applications of Ramspectroscopy by St. Antony’s College of Arts and Sciences for Women, Dindigul on 07.06.2021.
 76. National webinar on “Nanomechanical Testing: Theory and Applications” by Arasu Engineering College, Kumbakonam on 08.06.2021.
 77. National webinar on “Corona Virus and Wild life Trade” by Pope’s College, Sawyerpuram on 09.06.2021.
 78. National webinar on “Effective Online Teaching and Learning using ICT Tools” by Dr. SNA Rajalakshmi College of Arts and Science, Coimbatore on 10.06.2021.
 79. International webinar on “Recent Trends in Immunostimulants application in Aquaculture Industry by Sadakathullah Appa College, Tirunelveli on 24.06.2021.
 80. State level Webinar on “Honey Bees: Hope for Life” Library. Jayaraj Annapackiam College for women, Periyakulam on 27.08.2021.
 81. International webinar on “Recent Trends in Life Sciences Phase II by Jayaraj Annapackiam College for women, Periyakulam on 01.09.2021.
 82. State level Webinar on “Fit India – 2021” by Jayaraj Annapackiam College for women, Periyakulam on 15.09.2021.
 83. National webinar on “Bloom’s Taxonomy based Question paper design for Outcome Based Education in Zoology” by Ayya Nadar Janaki Ammal College, Sivakasi on 27.09.2021.
 84. Hands – on Training on ‘Mushroom Fortified Bakery Products Preparation’ organized by PG and Research Centre of Zoology, Start Up Programme – Mushroom

Culture and Institutional Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 15th December, 2021.

85. **Webinar on “Awareness on Intellectual Property Rights”** through Google Meet on 05th May, 2022 organized by PG and Research Centre of Zoology, Start Up Programmes in association with Institution’s Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.

86. Participated in the International Conference on “Life Science Research and Intellectual Property Rights” organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, St. Joseph’s College for Women, Alappuzha, Kerala and Inter University Centre for IPR Studies, CUSAT, Kochi, Kerala on 19th and 20th September, 2022.

87. **Webinar on IP Awareness/Training Program under National Intellectual Property Awareness Mission** organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with St. Joseph’s College for Women, Alappuzha, Kerala and Inter University Centre for IPR Studies, CUSAT, Kochi, Kerala on 20th September, 2022.

88. Participated in international webinar on “Emerging Trends in Cyber Security (IWETCS’22)” organized by PG Department of Computer Science, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with Salesian College, Sonada-Siliguri, West Bengal on 20th December, 2022.

89. Participated in the three day workshop on “Organic Farming and Bio Dynamic Composting” from 19th to 21st December, 2022 organized by PG and Research Centre of Zoology in collaboration with Eco club, Waste water management and Green Campus, Institution Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam and Naandhi Foundation, Mahindra Institution, Guindy, Chennai.

90. Participated in the training programme on Bee keeping at Vibis natural honey bee farm, Madurai on 04.02.2023.

91. Participated in the National Webinar on Inter Disciplinary Approaches in Biology organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with Department of Zoology, Christ College, Irinjalakuda, Kerala on 06.12.2023.

92. Participated in “Inservice training to science teachers” catalyzed and Supported by Tamil Nadu State Council for Science and Technology”, Chennai organized by PG & Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 04,05,06, 08 &09.01.2024.

PUBLICATION DETAILS

Name of the Book	Publisher	Year
Lab Manual in Zoology(Co Author)	ACCA	2004

MEMBERSHIP IN OTHER ACADEMIC BODIES:

- Subject Expert on the Board of studies for **U.G. Zoology**, V.V.V. College, Virudhunagar.
- Subject Expert on the Board of studies for **P.G. Zoology**, V.V.V. College, Virudhunagar.

MINOR PROJECT : UGC funded XII PLAN

Isolation and Characterization of Antimicrobial Compounds from Prosobranch Mollusc.

Amount Sanctioned: RS 2, 95,000

Year: 2014- 2016