

RESUME



Name: Dr. N. Vasanth
Designation: Assistant Professor
Department: Botany
Address : St. Xavier's College, Palayamkottai

PERSONAL DETAILS

Date of Birth : 01-06-1985
Qualification : M.Sc., Ph.D
Designation : Assistant Professor
Department : Botany
Community : BC
Religion : Roman Catholic
Nationality : Indian
Mobile : 99656-08108
Email ID : vasanthbiology@gmail.com

ACADEMIC QUALIFICATIONS

| Degree | Specialization | College | University | Year of Passing |
|--------|----------------|---------------------|---------------|-----------------|
| Ph.D | Botany | St.Joseph's College | Bharathidasan | 2018 |

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|------|--------|---------------------|--------------------------|------|
| | | | University | |
| M.Sc | Botany | St.Joseph's College | Bharathidasan University | 2013 |
| B.Sc | Botany | St.Joseph's College | Bharathidasan University | 2010 |

ACADEMIC IDENTITY

| | |
|-------------------------------|---|
| *VIDWAN ID | 86125 |
| *ORCID ID | https://orcid.org/0000-0002-3678-3196 |
| *SCOPUS ID | Scopus Author ID: 57194109764 |
| *RESEARCHER ID/ PUBLONS ID | https://www.researchgate.net/profile/Vasanth-Nayagam |
| GOOGLE SCHOLAR LINK | https://scholar.google.com/citations?user=0QSNdF8AAAAJ&hl=en |

TEACHING EXPERIENCE

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| Date of Appointment | 19 th June 2024 |
| Date of Retirement | 31 st May 2045 |
| Teaching Experience | UG -3 |
| | PG -6 |
| | M.Phil-1 |
| Research | Guided M Phil: Guided Ph D: Guiding Ph Scholar: |

| COURSES/CLASSES TAUGHT | NAME OF THE INSTITUTIONS | DURATION | | Years |
|--|--------------------------|------------|------------|-------|
| | | From | To | |
| M.Sc, Mphil | Alagappa University | June 2018 | Feb 2022 | 4 |
| M.Sc, B.Sc | St.Xavier's College | March 2022 | April 2023 | 1 |
| B.Sc Botany - Plant Diversity - I, Biological Techniques | St. Xavier's College | June 2024 | Till now | - |
| M.Sc Botany - Research Methodology, | St. Xavier's College | June 2024 | Till now | - |

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| Entrepreneurship in Botany, Plant Diversity - I | | | | |
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| AWARDS RECEIVED | |
|-----------------|---|
| 1. | Certificate of Merit in Major: BOTANY. |
| 2. | Certificate of Merit in Allied: BIOMETRICS AND COMPUTER APPLICATIONS. |
| 3. | Certificate of Merit: Best Outgoing Student in the Department |

| ADMINISTRATIVE EXPERIENCE | | | |
|---------------------------|-------------|--------------|------|
| S. No | DESIGNATION | INSTITUTIONS | YEAR |
| | | | |

| MEMBERSHIP | | |
|------------|--|---------------------------------|
| S. No | Designation | Particulars |
| 1. | Organizing member in National conference on "AVANCES IN BIOLOGY" | St.Joseph's college.(NCAB-2014) |

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()

| S. No | Name of the Training | Name of the Sponsoring Agency | Place and Date |
|-------|---|---|--|
| 1 | Orientation Programme for Teachers | IQAC –St.Xavier's College | Palayamkottai; 16 th and 17 th June 2023 |
| 2 | Orientation Programme for the newly recruited faculty members | IQAC –St.Xavier's College | Palayamkottai; 29 th June and 6 th July 2024 |
| 3 | Faculty induction Programme | Jesuit Madurai Province-higher education Commission | Kodaikanal, 2-5 th June 2024 |

DETAILS OF RESEARCH WORK

| Research Stages | Title of the Thesis | University where the work was carried out |
|-----------------|---|---|
| M.Sc | Reproductive biology of tropical vulnerable species | Bharathidasan University |

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| Ph.D | Evaluation of environmental toxicity of Biogenic Nanoparticles | Bharathidasan University |
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| AREAS OF RESEARCH |
|--------------------------|
| Plant Nanotechnology |
| Microbiology |
| Phytochemistry |

| RESEARCH PROJECTS CARRIED OUT | | | |
|--------------------------------------|-------------------------------------|--|-----------------|
| S. No | Title of the Project (Minor) | Name of the Funding Agency & Amount | Duration |
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| PUBLICATIONS | | | | |
|----------------------|-----------------------------|--|---|-------------------|
| BOOKS | BOOK CHAPTERS | SCOPUS | WEB OF SCIENCE | UGC LISTED |
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| OTHER INDEXED | AS A RESOURCE PERSON | PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS | WEBINARS, SEMINARS, WORKSHOPS ATTENDED | |
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| PUBLICATIONS: BOOKS () | | | |
|-------------------------------|--------------------------|--------------------|-------------|
| S. No | Title of the Book | Publication | Year |
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BOOK CHAPTERS ()

| S. No | Title of the Paper | Name of the Book | ISSN No., Pg.No |
|-------|--------------------|------------------|-----------------|
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PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()

| S. No | Title of the Paper | Name of the Journal | ISSN No., Volume, Issue, Impact factor & Pg. No |
|-------|---|---|--|
| 1. | Evaluation of mosquitocidal, histopathological and non-target effect of botanical pesticides from <i>Stemodia viscosa</i> and their mixtures against immature stages of <i>Aedes aegypti</i> , <i>Anopheles stephensi</i> and <i>Culex quinquefasciatus</i> | Biologia | 80(4): Pp:1-14 (2024) (Impact Factor 1.5) Scopus indexed |
| 2. | Mosquitocidal Susceptibility and NonTarget Effects of <i>Tricholoma equestre</i> Mushroom (<i>Agaricomycetes</i>) on the Immature Stages of <i>Aedes aegypti</i> , <i>Anopheles stephensi</i> and <i>Culex quinquefasciatus</i> | International Journal of Medicinal Mushrooms | 26(3): Pp:41–53 (2024) (Impact Factor 1.7) Scopus indexed |
| 3. | Effect of biofilm formation and cytotoxicity of biogenic silver nanoparticles (AgNPs) synthesized from a medicinal plant <i>Sterculia foetida</i> L. | Digest Journal of Nanomaterials and Biostructures | 4(18): Pp:1503-1513 (2023) (Impact Factor 0.9) Scopus indexed |
| 4. | Cytotoxic properties (MDA-MB-231- an epithelial breast cancer cell line) and bactericidal activity of Silver nanoparticles mediated by <i>Strobilanthes ciliata</i> nees. | International Journal of Nano Dimension | 4(14). Pp: 356-365. (2023) Web of Science |
| 5. | Cyto-toxicity and oligodynamic effect of | Asian Journal of Nanoscience and | 2: Pp: 301- 313. (2019) Scopus indexed |

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| | bio-synthesized silver nanoparticles from plant residue of <i>Artocarpus altilis</i> and its spectroscopic analysis | Materials. | |
| 6. | Green synthesis of silver nanoparticles mediated by <i>Coccinia grandis</i> and <i>Phyllanthus emblica</i> : a comparative comprehension | Applied Nanoscience. | 1(8):1-15. (2018) (Impact Factor 2.6) Scopus indexed |
| 7. | Epigallocatechin Gallate Attenuates Behavioral Defects in Sodium Valproate Induced Autism Rat Model. | Research Journal of Pharmacy and Technology. | 10(5): Pp:1477- 1480. (2017) Scopus indexed |
| 8. | Biogenic silver nanoparticles mediated by <i>Broussonetia papyrifera</i> : anticancer and antimicrobial activity against pathogenic organisms | Asian Journal of Pharmaceutical and Clinical Research. | 10(5):93-98. (2017) Scopus indexed |
| 9. | Dose-dependent amelioration of epigallocatechin-3-gallate against sodium valproate induced autistic rats. | International Journal of Pharmacy and Pharmaceutical Sciences. | 9(4):203-206. (2017) Scopus indexed |

| PUBLICATIONS: UGC LISTED JOURNALS (1) | | | |
|--|--|---|--|
| S. No | Title of the Paper | Name of the Journal | ISSN No., Volume, Issue, Impact factor & Pg. No |
| 1. | The Biochemical Analysis and Characterization of <i>Strobilanthes ciliatus</i> Nees (Bremek): Leaf Extracts. | Journal of Stress Physiology and Biochemistry | 4(19).Pp:114- 119 (2023) UGC care listed |
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| PUBLICATIONS: OTHER INDEXED JOURNALS (0) | | | |
|---|---------------------------|----------------------------|---------------------------------|
| S. No | Title of the Paper | Name of the Journal | ISSN No., Volume, Issue, |

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| AS A RESOURCE PERSON (1) | | | |
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| S. No | Name of the Event | Name of the Sponsoring Agency | Place and Date |
| 1. | National conference on Advances in Medicinal Plant research (NAMPR-2024) | St.Xavier's College | Palayamkottai 29 th February 2024 |
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| WEBINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National () International () | | | |
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| S. No | Name of the Event | Name of the Sponsoring Agency | Place and Date |
| 1 | National Conference on Advances in Biology | UGC-New Delhi | St.Joseph's College-Trichy; 6 th and 7 th January 2014 |
| 2 | National symposium on recent advances in medicinal and aromatic plants (NASYMP-14) | St.Joseph's College | Trichy ; 5 th February 2014 |
| 3 | National symposium on recent advances in medicinal and aromatic plants (NASYMP-15) | UGC-New Delhi | St.Joseph's College-Trichy; 5 th February 2015 |
| 4 | Sixth national Conference on Siddha Medicine for all Ages | Friends of Siddha Medicine | St.Xavier' s College; 19 th and 20 th March 2022 |
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| WEBINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED: | | | |
|---|---|--------------------------------------|--|
| S. No | Name of the Event | Name of the Sponsoring Agency | Place and Date |
| 1. | “Advanced Leadership seminar” | Haggai Institute | Coonoor-OOTY; 6-8 th May 2008. |
| 2. | “English language teaching workshop”- | British council. | Chennai; 16 th December 2010. |
| 3. | Training on Leadership skills- | St.Joseph’s college. | Trichy; 14 th July 2012. |
| 4. | International conference on sustainable utilization, management and conservation of bioresources. (ICSMCB-2013) | St.Joseph’s College , | Trichy ; 10 th and 11 th January 2013 |
| 5. | Training workshop on “Nanofabrication Technologies” – | Indian Institute of Science, | Bangalore: 3- 11 th August 2015. |
| 6. | National seminar on BIOINFORMATICS | Bharathidasan University. | Trichy; 28 th and 29 th January (NSB - 2015) |
| 7. | Application Based workshop on Gas Chromatography 7820A-Agilent Technologies | St. Xavier’s College | Palayamkottai; 2 nd August 2022 |
| 8. | National conference on advances in medicinal plant research (NAMPR-2024) | St. Xavier’s College | Palayamkottai; 29 th February 2024 |

| COUNTRIES VISITED | | | |
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| EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES) | | | |
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Date: 18th July 2024

Name: Dr.N.Vasanth