

**Name** : Dr. V. RAMESH

**Position** : Assistant Professor & Head

**Faculty of** : Botany

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**Date of Birth** : 04-06-1987

### Languages Proficiency

**Read** : Tamil & English.

**Write** : Tamil & English.

**Speak**: Tamil, English.

### 1. QUALIFICATION

| Sl.No | Degree /<br>Diploma /<br>Certificate | Discipline               | Name of the<br>Institution          | Year of<br>Passing |
|-------|--------------------------------------|--------------------------|-------------------------------------|--------------------|
| 1.    | B.Sc.                                | Botany                   | VHNSN College,<br>Virudhunagar.     | 2007               |
| 2.    | M.Sc.                                | Botany                   | VHNSN College,<br>Virudhunagar.     | 2009               |
| 3.    | Ph.D.                                | Botany                   | VHNSN College,<br>Virudhunagar.     | 2013               |
| 4.    | DCA                                  | Computer<br>Applications | TCPS IT Education,<br>Virudhunagar. | 2007               |

## 2. EXAMINATIONS QUALIFICATION

| Sl.No | Name of the Examinations  | Discipline - Conducted By                             | Year of Passing |
|-------|---|---|-----------------|
| 1.    | TNSET<br>(Tamil Nadu State Level Eligibility Test for Assistant Professor ) | Botany - Mother Teresa Women's University- Kodaikanal | 2016            |

## 3. Teaching Experiences

| Sl.No | Institution         | From                       | To        |
|-------|---------------------|----------------------------|-----------|
| 1.    | Vivekananda College | June 12 <sup>th</sup> 2013 | Till date |

## 4. Position Held in Vivekananda College

| Sl.No | Name of the Position                                    | Duration   |
|-------|---|--|
| 1.    | Assistant Professor & Head                              | June 1 <sup>st</sup> 2019 – Till Date                  |
| 2.    | Assistant Professor in Botany                           | June 12 <sup>th</sup> 2013 – 31 <sup>st</sup> May 2019 |
| 3.    | Gurukula Acharya  | 2015 – 2016  |
| 4.    | NSS Assistant Coordinator (UNIT 77)                     | 2013 -2014   |
| 5.    | Chairman - Intellectual Property Rights (IPR)           | 2021 to till date                                      |
| 6.    | Coordinator - Greed Audit                               | 2019 to till date                                      |
| 7.    | Joint Coordinator - VISETORM – X 2019                   | 2019   |
| 8.    | Internal Member - Dissection Monitoring Committee (DMC) | 2021   |

## 5. Area of Specialization

- Mycology
- Natural products from fungi
- Multidrug resistant Bacteria
- Mushroom Biology

## 6. ORIENTATION PROGRAMMES / REFRESHER COURSE / TRAINING PROGRAMMES / FDP ATTENDED

| Sl.No | Programmes                                  | Theme   | Organized By   | Date  |
|-------|---|---|--|---|
| 1.    | Refresher Course in Botany                  | Botany  | Teaching Learning Centre, Ramanujan College, University of Delhi   | 18 <sup>th</sup> February to 4 <sup>th</sup> March 2023   |
| 2.    | In-Service Teachers Training                | Life Sciences   | TNCHE & Mother Therasa University, Kodikanal,                      | 12 May to 13 May 2022                                     |
| 3.    | Refresher Course in Life Sciences           | Life Sciences   | UGC HRDC Sant Gadge Baba Amravati University, Amravati             | 10 <sup>th</sup> October to 26 <sup>rd</sup> October 2021 |
| 4.    | 13 <sup>th</sup> Refresher Course in Botany | Botany  | UGC HRDC Madras University, Chennai.                               | 07 <sup>th</sup> October to 20 <sup>th</sup> October 2020 |
| 5.    | 103 <sup>rd</sup> Orientation Programme     |   | UGC – HRDC University Bharathidasan                                | 18-05-2018 to 14-06-2018                                  |
| 6.    | Training                                    | Learning to Address ClimateChange   | Department of Environmental Sciences, Central University of Kerala | 27-31 <sup>st</sup> January 2020                          |
| 7.    | Training                                    | Reforms in Curriculum Design & Evaluation Based on OBE                                      | IQAC & COE, SFR College for Women Sivakasi                         | 27 <sup>th</sup> July 2019                                |
| 8.    | Training                                    | Creating Alternative Digital Teaching Learning Environment in Higher Education Institutions | Fatima College, Madurai  | Sep 13-15, 2018.  |
| 9.    | Training                                    | Training Course on Biodiversityand its conservation   | Department of Botany, Bharathiyar Coimbatore Univesity, Coimbatore | 17 <sup>th</sup> – 19 <sup>th</sup> July 2017             |
| 10.   | Training                                    | Training Course on bioinformaticsand sequence   | Department of Botany, Nesamony memorial Christian                  | 9 <sup>th</sup> – 10 <sup>th</sup> Oct017                 |

|            |                 |  |  |   |
|------------|-----------------|--|--|---|
|            |                 | <b>analysis</b>  | <b>college, Marthandam</b>   |   |
| <b>11.</b> | <b>Training</b> | <b>Training Course on Data Science Research – Biological Data Management</b> | <b>Department of Botany, Jamal Mohamed College, Triuchirapalli</b>   | <b>23<sup>rd</sup> – 25<sup>th</sup> Jan 2017</b>     |
| <b>12.</b> | <b>Training</b> | <b>Training Taxonomy Course on Plant</b>                                     | <b>Department of Biodiversity Unit, Institute of Forest Genetics and Tree Planting (IFGTB), Coimbatore</b> | <b>5<sup>th</sup> – 7<sup>th</sup> Oct 2016</b>       |
| <b>13.</b> | <b>Training</b> | <b>Programme on research Instruments</b>                                     | <b>Instrumentation Centre, Ayya Nadar Janaki Ammal College, Sivakasi</b>                                   | <b>28<sup>th</sup> &amp; 29<sup>th</sup> Sep 2012</b> |
| <b>14.</b> | <b>Training</b> | <b>Mushroom Cultivation</b>  | <b>Community Polytechnic Scheme at Virudhunagar S. Vellaichamy Nadar Polytechnic College, Virudhunagar</b> | <b>1<sup>st</sup> – 16<sup>th</sup> Sept 2006</b>     |
| <b>15.</b> | <b>Training</b> | <b>Instrument Maintenance &amp; Repairing</b>                                | <b>VHNSN College, Virudhunagar</b>   | <b>21<sup>st</sup> Jan 2012</b>                       |

## 7. NATIONAL / INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

| Sl.No | Programmes               | Organized By   | Date                           | Participated / Presented | Title of the Paper  |
|-------|--------------------------|--|--------------------------------|--------------------------|---|
| 1.    | International Conference | PG & Research Department of Microbiology, VHNSN College, Virudhunagar and Microbiologists Society, India & Pearl Foundation, Madurai | 8 <sup>th</sup> February, 2023 | Presented                | An in-vitro antimicrobial activity of various extracts of Snake Jasmine <i>Rhinacanthus nasutus</i> (L.) Kurz (Acanthaceae) |
| 2.    | International Conference | PG & Research Department of Microbiology, VHNSN College, Virudhunagar and Microbiologists Society, India & Pearl Foundation, Madurai | 8 <sup>th</sup> February, 2023 | Presented                | Evaluation of antimicrobial potential of Leaves of Azima <i>tetrantha</i> (Salvadoraceae)                                   |
| 3.    | International Conference | PG & Research Department of Microbiology, VHNSN College, Virudhunagar and Microbiologists Society, India & Pearl Foundation, Madurai | 8 <sup>th</sup> February, 2023 | Presented                | Cultivation and Screening of Phytochemical Compounds by Incorporation of <i>Spirulina</i> sp.,                              |

|           |                                 |   |                                      |                     |   |
|-----------|---------------------------------|---|--------------------------------------|---------------------|---|
| <b>4.</b> | <b>International Conference</b> | <b>PG &amp; Research Department of Microbiology, VHNSN College, Virudhunagar and Microbiologists Society, India &amp; Pearl Foundation, Madurai</b>                               | <b>8<sup>th</sup> February, 2023</b> | <b>Presented</b>    | <b>Characterization and Study of Antimicrobial Activity of Silver Nanoparticles Synthesized from Escherichia Coli</b>   |
| <b>5.</b> | <b>International Conference</b> | <b>Department of Ecology and environmental science, Assam University, Silchar, CSIR-National Botanical Research Institute, Lucknow and Indian Lichenological Society, Lucknow</b> | <b>7-8 October 2021</b>              | <b>Presented</b>    | <b>Phytochemical screening of Padina tetrastrum (Hauck). Using UV – Vis spectroscopic, FTIR and HPLC</b>                |
| <b>6.</b> | <b>International Conference</b> | <b>School of Chemistry, MKU – Madurai in association with BioSES Research Interest Group, Faculty of Science and Marine Environment, University of Malaysia</b>                   | <b>16-17 September 2021</b>          | <b>Presented</b>    | <b>Quantitative Analysis of Phytochemical screening of marine macro algae in southern coastal regions of Tamil Nadu</b> |
| <b>7.</b> | <b>National Conference</b>      | <b>Department of education, Manonmaniam Sundaranar University, Tirunelveli</b>  | <b>22nd July 2019</b>                | <b>Participated</b> | <b>Opportunities for Funding for Science Teachers of Higher Education Institutions</b>                                  |

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|-----|--------------------------|--|---------------------|--------------|--|
| 8.  | International Conference | Institute of integrative and regenerative medicine, Malaysia and VHNSN College Virudhunagar. | May 02 – 03rd 2019  | Presented    | In-vitro production optimization and biological activities of the medicinal macro fungus <i>Xylaria</i> sp. Strain R005 (GenBank No. JF795290) |
| 9.  | International Conference | Institute of integrative and regenerative medicine, Malaysia and VHNSN College Virudhunagar. | May 02 – 03rd 2019  | Presented    | Diversity of seaweeds in southern coastal regions of Tuticorin district, Tamil Nadu, India   |
| 10. | International Conference | Institute of integrative and regenerative medicine, Malaysia and VHNSN College Virudhunagar. | May 02 – 03rd 2019  | Presented    | Endophyticy fungal diversity of the the sacred tree <i>Wrightia tinctoria</i>  |
| 11. | National Conference      | Research department of Microbiology, VHNSN College, Virudhunagar                             | 25th September 2018 | Participated | Miracle Microbes” organized by Research department of Microbiology   |

|     |                     |  |                       |              |   |
|-----|---------------------|--|-----------------------|--------------|---|
| 12. | National Conference | Research department of Botany, VHNSN College, Virudhunagar   | 18th September 2018   | Participated | Emerging Trends in Plant Sciences   |
| 13. | National Conference | Department of Botany, VHNSN College, Virudhunagar            | 9th and 10th Feb 2018 | Participated | National Seminar on "Cyclonic changes and its impact on marine Biodiversity |
| 14. | National Conference | Department of Botany, VHNSN College, Virudhunagar            | 25th January 2018     | Participated | Recent Advances in Plant Sciences   |
| 15. | National Conference | Department of Zoology, Vivekananda College, Tiruvedakam West | 23rd January 2018     | Participated | Recent Advances in Biotechnology  |



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|-----|--------------------------|--|-----------------------|-----------|--|
| 16. | International Conference | School of Physics, Chemistry and Biological sciences, Madurai Kamaraj University, Madurai. 625 021 | Dec 11- 2th 2017      | Presented | Synergistic and anticancer activities of <i>Xylaria curta</i> (JF795289) culture filtrate against drug resistant bacterial pathogens and human cancer cell lines |
| 17. | National Conference      | RJMCC, Ambilikka i, Dindigul – 624 612.  | 4th Feb 2016          | Presented | Bioactive and Phytochemical potential of <i>Xylaria</i> sp. Strain R005 (JF795290)   |
| 18. | National Conference      | PG & Research Department of Zoology, Vivekananda College, Tiruvedakam West                         | 7th August 2014       | Presented | Environmental issues of Emerging Pollutants  |
| 19. | National Conference      | School of Biotechnology & Microbiology, Bangalore university, Bangalore.                           | 13th -14th March 2013 | Presented | Antimicrobial and Cytotoxic potential of the macro fungal species of <i>Xylaria</i> from Western Ghats of Southern Tamilnadu                                     |
| 20. | National Conference      | Department of Botany Bharathiar University, Coimbatore   | 4 & 5th Oct 2012      | Presented | Antimicrobial potential of the cultural filtrate of <i>Xylaria</i> sp. Strain R006 against drug resistant bacterial pathogens                                    |
| 21. | National Conference      | Centre for Advanced Studies in Botany, University of Madras,                                       | 8 & 9th Feb 2011      | Presented | Molecular Identification of <i>Xylaria</i> species and their antimicrobial potential   |

|     |                     |  |                             |              |   |
|-----|---------------------|--|-----------------------------|--------------|---|
| 22. | National Conference | Centre for Advanced Studies in Botany, University of Madras, Chennai- 25 | 8 & 9th Feb 2011            | Presented    | Diversity of endophytic fungal communities in leaves, stems and bark tissues of tropical evergreen forest trees |
| 23. | Workshop            | Department of Botany, Yadava College, Madurai                            | 1st Nov 2014                | Participated | Eco & Wash (Water, Sanitation & Hygiene) for Futures  |
| 24. | Workshop            | Biomedical Research Lab, VHNSN College, Virudhunagar.                    | 20th Dec 2010               | Participated | Biosensor and their Applications  |
| 25. | Workshop            | Dept. of Botany, Madura College, Madurai.                                | Oct 31th 2010               | Participated | Scouting, Documentation and Dissemination of Grassroots innovations and traditional knowledge                   |
| 26. | Workshop            | Department of Computer Science, VHNSN College, Virudhunagar              | 6th Sept - 24th Sept 2010   | Participated | workshop on excellence designing using Photoshop  |
| 27. | Workshop            | Research Department of Botany, VHNSN College, Virudhunagar               | 11th & 12th August 2008     | Participated | Nanoscience & Technology in Diagnostic Application & Drug Delivery  |
| 28. | ORGANIC EXPO        | Soroptifest International, Madurai                                       | 31st July – 2nd August 2015 | Participated | SOROPTIFEST – ORGANIC EXPO 2015   |

|     |                       |  |                         |              |   |
|-----|-----------------------|--|-------------------------|--------------|---|
| 29. | National Seminar      | Department of Botany, VHNSN College, Virudhunagar                          | 25th January 2018       | Participated | Recent Advances in Plant Sciences                             |
| 30. | National Seminar      | Department of Zoology, Vivekananda College, Tiruvedakam West               | 23rd Jan 2018           | Participated | Recent Advances in Biotechnology                              |
| 31. | international Seminar | PG & Research Department of Zoology, Vivekananda College, Tiruvedakam West | 7th August 2014         | Participated | environmental issues of Emerging Pollutants                   |
| 32. | National Seminar      | Centre for Advanced studies in Botany, University of Madras, Chennai       | 11th & 12th March 2010  | Participated | Advances in Plant Pathology                                   |
| 33. | National Conference   | Department of Botany C.N. College, Erode                                   | 22nd & 2nd January 2010 | Participated | The Challenges, Chances and Perspectives in Biotechnology     |
| 34. | National Seminar      | Department of Plant Biology and Plant Biotechnology                        | 20th & 21st August 2009 | Participated | Implications of Biotechnology in Conservation of Biodiversity |
| 35. | National Seminar      | Department of Botany, Sri Parasakthi College for Women, Courtallum         | 5th march 2009          | Participated | People and the Forests  |

|     |                                 |  |                                 |              |  |
|-----|---------------------------------|--|---------------------------------|--------------|--|
| 36. | National Seminar                | Department of Biological Science, Muthayammal College of Arts and Science, Rasipuram | 9th & 10th January 2009         | Participated | Biotechnology: Glimpses of Future Prospects                        |
| 37  | National Seminar cum Exhibition | Diabetic Care  | 27th February 2008              | Participated | Department of Botany, Sri Parasakthi College for Women, Courtallum |
| 38. | National Seminar                | Department of Botany, VHNSN College, Virudhunagar                                    | 21 <sup>st</sup> September 2007 | Participated | Social Applications of Biotechnology                               |

#### 8. ARTICLES PUBLISHED IN JOURNALS / BOOKS

| Sl. No | Journal / Book Name                                 | Title of the Article   | Month / Year | Vol. No. | Iss. No | Page No. | ISSN      | Publisher   |
|--------|---|--|--------------|----------|---------|----------|-----------|-------------|
| 1.     | International Journal of Green and Herbal Chemistry | Characterization and study of Antimicrobial activity of Silver Nanoparticles synthesized from Escherichia coli | 2023         | 12       | 2       | 120-126  | 2278-3229 | IJGHAY, USA |

|    |  |  |      |    |    |         |           |                            |
|----|--|--|------|----|----|---------|-----------|----------------------------|
| 2. | Journal of Emerging Technologies and Innovative Research | Antibacterial activities of Endophytic Xylaria sp. Phoma sp. Strain from Catharanthus roseus L and Vitex negundo L against Drug resistant Pseudomonas syringae (MTCC 673), Proteus mirabilis (MTCC 1429), Burkholderia glumae (MTCC8496) and Moraxella bovis (MTCC 1775) Strains | 2023 | 10 | 3  | 695-708 | 2349-5162 | IJ Publication             |
| 3. | NeuroQuantology  | Photocatalytic Dye-Degradation and Antibacterial Activity of Undoped and FeDoped Cd <sub>2</sub> SnO <sub>4</sub> Nanoparticles towards Environmental Applications   | 2022 | 20 | 18 | 419-436 | 1303-5150 |                            |
| 4. | Journal of Mycopathological Research                     | Antibacterial activities of endophytic Xylaria sp. Strain SR2 from Araucaria heterophylla against drug resistant Staphylococcus aureus strains   | 2021 | 54 | 4  | 435-441 | 0971-3719 | Indian Mycological Society |

|    |   |   |      |    |   |         |                   |                                     |
|----|---|---|------|----|---|---------|-------------------|-------------------------------------|
| 5. | Plant derived Drugs and Drug Repurposing      | The Natural Warehouse of Bioactive Potential Compounds in the Recent Past Decades Compounds in the Recent Past Decades  | 2021 |    |   | 73-60   | 978-93-90471-44-7 | Integrated Publications             |
| 6. | Research and Innovations in Chemical Sciences | Phytochemical characterization of Marine Macro Algae in Southern Coastal Regions of Tamil Nadu  | 2021 |    |   | 185-193 | 978-93-91681-17-3 | Bharti Publications                 |
| 7. | Studies in Fungi                              | Endophytic Mycodiversity of Sacred Tree - <i>Couroupita guianensis</i> Aubl.  | 2017 | 2  | 1 | 119-129 | 2465-4973         | Mushroom Research Foundation        |
| 8. | Asian Pharm J Clin Res                        | Larvicidal and enzyme inhibitory effects of <i>Acalypha fruticosa</i> (f.) and <i>Catharanthus roseus</i> L (g) don. leaf extracts against <i>Culex quinquefasciatus</i> (say.) (diptera: culicidae). | 2017 | 10 | 3 | 213-220 | 2455-3891         | Innovare Academic Sciences Pvt Ltd. |
| 9. | Studies in Fungi                              | The molecular phylogeny and taxonomy of endophytic fungal species from the leaves of <i>Vitex negundo</i> L.  | 2017 | 2  | 1 | 26-37   | 2465-4973         | Mushroom Research Foundation        |

|     |  |   |      |    |   |          |           |  |
|-----|--|---|------|----|---|----------|-----------|--|
| 10. | International Journal of Latest Research in Science and Technology | <b>Phytopesticidal action of <i>Hyptis suaveolens</i>, <i>Melochia corchorifolia</i> and their bioactive molecules on cotton bollworm, <i>helicoverpa armigera</i> (hubner) (lepidoptera: noctuidae).</b> | 2016 | 5  | 5 | 22-27    | 2278-5299 | MNK Publication                        |
| 11. | International journal of current science research                  | <b>Ethno-veterinary Survey of Medicinal Plants in Kovilpatti Taluk, Tuticorin District, Tamil Nadu, India.</b>  | 2016 | 2  | 9 | 901-915  | 2454-5422 | drbgr publications                     |
| 12. | Journal of Basic and Applied Mycology                              | <b>Diversity and characterization of indigenous mushroom species from tropical evergreen forest of Courtallum hills, Western Ghats, Tamil Nadu.</b>   | 2016 | 12 | 2 | 98 -110  | 2455-3875 | Society for Basic and Applied Mycology |
| 13. | International journal of current science research                  | <b>Climatic dependency on the diversity and distribution of endophytic fungi from <i>Rauvolfia tetraphylla</i> L., of Western Ghats.</b>  | 2016 | 2  | 4 | 548 -558 | 2454-5422 | DRBGR publications                     |

|     |   |  |             |           |           |                  |                  |                                     |
|-----|---|--|-------------|-----------|-----------|------------------|------------------|-------------------------------------|
| 14. | <b>Studies in Fungi</b>   | <b>Diversity of endophytic fungi from the ornamental plant – <i>Adenium obesum</i>.</b>  | <b>2016</b> | <b>1</b>  | <b>1</b>  | <b>34-42</b>     | <b>2465-4973</b> | <b>Mushroom Research Foundation</b> |
| 15. | <b>International Journal of Current Science Research</b>        | <b>Isolation, characterisation and bioactivities of macro fungal isolates from Western Ghats of Courtallum Hills.</b>  | <b>2016</b> | <b>2</b>  | <b>1</b>  | <b>228-238</b>   | <b>2454-5422</b> | <b>DRBGR publications</b>           |
| 16. | <b>International Journal of Medicinal Mushrooms</b>             | <b>Novel bioactive wild medicinal mushroom - <i>Xylaria</i> sp. R006 (KC405623) against multidrug resistant human bacterial pathogens and human cancer cell lines.</b> | <b>2015</b> | <b>17</b> | <b>10</b> | <b>1005-1017</b> | <b>1521-1437</b> | <b>Begell House, Inc.</b>           |
| 17. | <b>Current Research in Environmental &amp; Applied Mycology</b> | <b><i>In-vitro</i> antifungal and anticancer potential of <i>Xylaria curta</i> fruiting body fractions against human fungal pathogen and cancer cell lines.</b>        | <b>2015</b> | <b>5</b>  | <b>1</b>  | <b>20-26</b>     | <b>2229-2225</b> |                                     |



|     |   |  |      |   |   |         |           |   |
|-----|---|--|------|---|---|---------|-----------|---|
| 18. | <b>Current Research in Environmental &amp; Applied Mycology</b> | <b>Optimization of submerged culture conditions for mycelial biomass production with enhanced antibacterial activity of the medicinal macro fungus <i>Xylaria</i> sp. Strain R006 against drug resistant bacterial pathogens</b> | 2014 | 4 | 1 | 88-98   | 2229-2225 |   |
| 19. | <b>Mycology</b>   | <b>Evaluation of synergistic and antibacterial activity of <i>Xylaria curta</i> against drug resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i></b>  | 2012 | 3 | 4 | 252-257 | 2150-1211 | <b>Taylor &amp; Francis</b>                                 |
| 20. | <b>Mycosphere</b>   | <b>Identification and comparison of <i>Xylaria curta</i> and <i>Xylaria</i> sp. from Western Ghats-Courtallum Hills, India</b>   | 2012 | 3 | 5 | 607-615 | 2077-7019 | <b>Guizhou Key Laboratory of Agricultural Biotechnology</b> |

|     |   |  |      |    |   |       |           |                    |
|-----|---|--|------|----|---|-------|-----------|--------------------|
| 21. | International Journal of Medicinal Mushrooms    | Antibacterial activity of wild <i>Xylaria</i> sp. Strain R005 (Ascomycetes) against multidrug-resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . | 2012 | 14 | 1 | 47-53 | 1521-1437 | Begell House, Inc. |
| 22. | International Journal of Advanced Life sciences | A novel endophytic fungus <i>Pestalotiopsis</i> sp. Inhabiting <i>Pinus annerensis</i> with antibacterial and antifungal potential.                                      | 2012 | 1  | 1 | 1-7   | 2277-7583 |                    |
| 23. | International Journal of Advanced Life sciences | Bioactive endophytic fungal isolates of <i>Biota orientalis</i> (L) Endl., <i>Pinus excelsa</i> Wall. and <i>Thuja occidentalis</i> L.                                   | 2012 | 4  | 8 | 9-15  | 2277-7582 |                    |
| 24. | Research journal of biological sciences         | Endophytic mycobiota associated with selected gymnosperms.   | 2012 | 4  | 4 | 27-37 | 0974-4177 |                    |

|     |  |  |             |          |          |                |                  |   |
|-----|--|--|-------------|----------|----------|----------------|------------------|---|
| 25. | <b>International Journal of Advanced Life sciences</b> | <b>Cytotoxic activities of dichloromethane extract of <i>Pestalotiopsis</i> sp. against human cancer cell lines.</b> | <b>2012</b> | <b>5</b> | <b>2</b> | <b>98-103</b>  | <b>2277-7582</b> |   |
| 26. | <b>Mycosphere</b>                                      | <b>Diversity of fungal endophytes in medicinal plants of Courtallam hills, Western Ghats, India.</b>                 | <b>2011</b> | <b>2</b> | <b>5</b> | <b>575-582</b> | <b>2077-7019</b> | <b>Guizhou Key Laboratory of Agricultural Biotechnology</b> |

## 9. MEMBER OF BOARD OF STUDIES

| Sl. No. | Name of the Institution                         | Name of the Position | Duration   |
|---------|---|----------------------|------------|
| 1.      | B.Sc & M.Sc Botany, VHNSN College, Virudhunagar | Alumni               | 2017– 2021 |
| 2.      | M.Sc Botany, NGM College, Pollachi              | Academic Auditor     | 2020-2021  |

## 10. CONSULTANCY

- Mentoring Services for DBT Star College Scheme, Sri Vidya Mandir Arts & Science College, (Autonomous) Affiliated to Salem Periyar University, Katteri, Krishnagiri.
- Consultancy Services towards setting up Botany Laboratory for Mangayarkarasi College of Arts & Science for Women, Madurai
- Guidance for mushroom cultivation to local peoples
- Guidance for Biofertilizer to local peoples
- Guidance for Afforestation to local peoples

## 11. GENBANK SUBMISSIONS

- *Xylaria curta* isolate CH1 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence. Acession No. JF795289.
- *Xylaria* sp. CH2 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence. Acession No. JF795290.
- *Xylaria* sp. R006 18S ribosomal RNA gene, partial sequence. Accession No. KC405623

## 12. AWARDS

- ❖ Best Researcher award – 2021 during (2015-2021) Vivekananda College, Tiruvedakam West.
- ❖ Tamil Nadu State Council For Science and Technology Young Scientist Fellowship Scheme 2019 -2020 (TNSCST – YSFS)
- ❖ Best Young Faculty Award – 2019, Novel Research Academy, Pondicherry
- ❖ Indian Academy of Sciences (IAS) Summer Research Fellowship (May 2<sup>nd</sup> - June 26<sup>th</sup> 2016)
- ❖ Ph.D Research Scholarship, Department of Collegiate Education Government of Tamil Nadu. India 2010 - 2011.
- ❖ M.S. Palanichamy Nadar Endowment Fund Gold Medal during Graduation (2004-2007).
- ❖ M.S. Paramasiva Nadar Cash Award during Graduation (2004-2007).

- ❖ **Gurudever Sri Ramakrishnar Appreciation Award (2016)**
- ❖ **Swami Chidbhavananda Appreciation Award (2016)**

### **13. GRANTS RECEIVED**

| <b>Funding Agency</b>   | <b>Title of the Project</b>                      | <b>Amount (Lakhs)</b> | <b>Status</b>               |
|---|--|-----------------------|-----------------------------|
| <b>Science Academies<br/>Education Programme,<br/>Bangalore</b> | <b>Recent Advance in<br/>Biological Sciences</b> | <b>1,49,500/-</b>     | <b>Completed<br/>(2018)</b> |

### **14. MOOC COURSE COMPLETION**

- **Successfully Completed with Elite Grade of NPTEL Course entitled “Wildlife Conservations” at IIT Kanpur.**

### **15. ORGANIZER OF SCIENCE ACTIVITIES**

- ✓ **Organizing Joint - Coordinator, (VISETORM – X) of the two day Vivekananda Science Exhibition to Rural Masses (VISETORM – X 2019) on 3<sup>th</sup> & 4<sup>th</sup> October 2019.**

### **16. RESOURCE PERSON IN INTERNATIONAL LEVEL CONFERENCES**

- ❖ **Acted to be resource person and deliver a talk on Glimpses of Mushroom Cultivation Techniques in the two days International Conference on Innovation and Relevance in Plant Science and Biotechnology (ICPSB -2021) organized by PG and Research Department of Botany, Sri Vidya Mandir Arts & Science College, Katteri -636 902, Krishnagiri to be held on March 15 &16.2021.**

### **17. RESOURCE PERSON IN NATIONAL LEVEL SEMINAR/WORKSHOP**

- ❖ **Acted as resource person and delivered a talk on Intellectual Property Rights and IP Management for Startups in the one workshop organized by Entrepreneurship Development Cell in Association with EDII HUB MKU, Nagarathinam Angalammal Arts and Science College, Madurai on 22.03.2022.**
- ❖ **Acted as resource person and delivered a Lecture cum Hands on training on Anatomy of Angiospermic Plants: Taxonomic Workout of Bryophytes and Angiospermic Plants in the one day DBT-Star College Scheme organized by Department of Botany, V.V. Vanniyaperumal College for Women, Virudhunagar on 12.03.2021.**
- ❖ **Acted as resource person and delivered a talk cum Hands on training Techniques of Mushroom Cultivation in the one day DBT-Star College Scheme Sponsored Hands on Training in Mushroom Cultivation organized by PG and Research Department of Zoology, VHNSN College, Virudhunagar on 27.01.2021.**

- ❖ **Acted as Resource Persons and delivered a Special lecture cum Hands on training on “Techniques of Mushroom Cultivation” in one day Cluster College Workshop Entitled Hands on Training in Mushroom Cultivation on 28<sup>th</sup> February 2020, conducted by PG and Research Department of Microbiology, VHNSN College, Virudhunagar.**
- ❖ **Acted as Resource Persons and delivered a Special lecture on “Diversity and Bioactive Natural Products of Fungi” in Directorate of Collegiate Education, Govt. of Kerala Sponsored two day National Seminar cum Workshop Entitled “Thallophyta: Diversity, Conservation and Natural Products on 12<sup>th</sup> & 13<sup>th</sup> of November 2019, Conducted Department of Botany, KKTU Government College, Kodungallur, Pullut, Kerala.**

### **18. INVITED SPEAKER**

- ❖ **Chief Guest and delivered a lecture on “Taxonomy for Medicinal Plant Researchers” in the Department of Botany, V.V.Vanniyaperummal College for Women’s, Virudhunagar – 626 001. (7<sup>th</sup> August 2018)**
- ❖ **Chief Guest and delivered a lecture on “Fungal metabolites – As a Store House of Bioactive Natural Products” on occasion of PG Botanical Society and UG Botany Association Valedictory Function in DST-FIST Sponsored PG & Research Department of Botany, VHNSN College, Virudhunagar – 626 001. (29<sup>th</sup> March 2016)**

### **19. ORGANIZER OF SEMINARS/CONFERENCES/WORKSHOP**

- **Organizing Convener of one day Awareness Programme on Conservation of Rare and Endangered Medicinal Plants through Institutional Herbal Garden for College Teachers under DBT Star College Scheme for Non Teaching Staff on 31<sup>st</sup> March 2023.**
- **Organizing Convener and Secretary of one day Training on Identification and Preservation of Plant Material for Non Teaching Staff under DBT Star College Scheme on 30<sup>th</sup> March 2023.**
- **Organizing Convener of one day Hands on Training on Workshop on Biological Data Management under DBT Star College Scheme for Non Teaching Staff on 29<sup>th</sup> March 2023.**
- **Organized one day workshop on safe and judicious use of pesticide & IPM Practices for farmers jointly with HIL (India) Limited (A Govt. of India Enterprise) on 27<sup>th</sup> March 2023.**
- **Organizing Secretary of the DST Star College Scheme Sponsored one day Awareness Programme on Establishment of Herbal garden for School teacher under DBT Star College Scheme on 28.03.2022**

- **Organizing Secretary of the DST Star College Scheme Sponsored one day students development programme entitled “An Exposure to Plant Research – A Journey to Phyto medicine under DBT Star College Scheme on 15.03.2022**
- **Organizing Secretary of the DST Star College Scheme Sponsored one day Awareness programme on Biosafety measures for Laboratory Staffs on 29.01.2022.**
- **Organizing Secretary of the DST Star College Scheme Sponsored one day Workshop on Information and Communication Technology (ICT) for Skill Development on 28.01.2022.**
- **Organizing Secretary of the DST Star College Scheme Sponsored one day Faculty Development Programme on Teaching and Learning Process through E-Resources for College Teachers on 27.02.2022.**
- **Organizing Secretary of the DST Star College Scheme Sponsored one day Awareness Programme on Herbal preparation and Utilization against COVID -19 for College Teachers on 24.01.2022.**
- **Organizing Secretary of the Two days Counseling, Life skills and Carrier Guidance programme for the welfare of II<sup>nd</sup> and III<sup>rd</sup> BSc Botany students on 28<sup>th</sup> and 29<sup>th</sup> June 2021 through virtual mode.**
- **Organizing Secretary one day hands on training on preparation of Organic Manures and Biopesticide Preparation with SEVA, Madurai, on 11<sup>th</sup> December 2021.**
- **Organizing Convener of the Faculty development Programme on Emerging Trends in Plant Sciences Topic IX – Effects of Climate Change on Plants on 27.03.2021.**
- **Organizing Convener of the Faculty development Programme on Emerging Trends in Plant Sciences Topic VIII – Plant Tissue Culture and Enhancement of Secondary Metabolites on 25.03.2021.**
- **Organizing Convener of the Faculty development Programme on Emerging Trends in Plant Sciences Topic VII – Molecular Detection of Viral Disease in Crop Plants on 25.03.2021.**
- **Organizing Convener & Coordinator of the Faculty development Programme on Emerging Trends in Plant Sciences Topic VI – An Insight into the Biology of Arbuscular Mycorrhizal Symbiosis on 26.03.2021.**
- **Organizing Convener of the Faculty development Programme on Emerging Trends in Plant Sciences Topic V – Chromosomal Aberrations on 17.03.2021**
- **Organizing Convener of the Faculty development Programme on**

**Emerging Trends in Plant Sciences Topic IV – Bio prospecting and Drug Development: Key Issues and Challenges on 19.02.2021.**

- **Organizing Convener & Coordinator of the Faculty development Programme on Emerging Trends in Plant Sciences Topic III - IPR: Powerhouse for Innovation 1.03.2021.**
- **Organizing Convener of the Faculty development Programme on Emerging Trends in Plant Sciences Topic II - Impact of Climate change in Western Ghats Biodiversity on 26.02.2021.**
- **Organizing Convener & Coordinator of the Faculty development Programme on Emerging Trends in Plant Sciences Topic I - Complementary Digital tools in Plant Taxonomy 18.08.2021.**
- **Organizing Convener & Coordinator of the one-day International Webinar on Plant Diseases of Past, Present and Control Measures on 10.09.2020.**
- **Organizing Convener of the one day UGC Autonomy grant Sponsored one day state level seminar entitled “Recent Trends in Plant Sciences” on 25<sup>th</sup> February 2020.**
- **Organizing Convener of the one day national seminar on “Modern trends in biological sciences” at the department of botany, Vivekananda college on 7<sup>th</sup> march 2019**
- **Organizing Coordinator of the national Science Academics – IASc, INSA and NASI Sponsored two day Lecture Workshop on Recent Advances in Biological Sciences at the Department of Botany, Vivekananda College, Tiruvedakam West to be held on 10-11th Dec 2018**
- **Organizing Co-convener of the one day national level hands on training on “Organic Vegetable Garden” at the Department of Botany, Vivekananda College on January 30<sup>th</sup> 2018.**
- **Organizing member of the one day hands on training on “Nilavembu Kudineer Preparation for Local People in and around the College” at the Department of Botany, Vivekananda College on November 4<sup>th</sup> 2017.**

**20. EDITORIAL BOARD MEMBER**

- ❖ **International journal of current science research**

**21. REVIEWER IN JOURNALS**

- ❖ **International Journal Of Tropical Biology and Conservation**



## 22. SCIENTIFIC BOARDS AND SOCIETIES

- ❖ Acted as a Chairperson in the International conference on Emerging and Re-emerging Infectious Diseases (ICERID-2023) held on 8th February, 2023 Jointly Organized by PG & Research Department of Microbiology, VHNSN College, Virudhunagar and Microbiologists Society, India & Pearl Foundation, Madurai.
- ❖ Co chairing the session on Biochemistry, Phytochemistry, Phytomedicine and natural Products at the International conference on Emerging trends in science and social science organized by VHNSN College Virudhunagar, held during 2-3<sup>rd</sup> May, Kuala Lumpur, Malaysia, 2019.
- ❖ Member of Scientific advisory committee of International conference on Emerging trends in science and social science organized by VHNSN College Virudhunagar, scheduled to be held at Cambodia, 2020

## 23. RESEARCH ADVISORY COMMITTEE

- ❖ External Expert MKU – Ms. T.M. Shrinitha (MKU20FF0S9929)

## 23. FOREIGN VISITS

- ❖ Malaysia

## 24. E-CONTENT DEVELOPED

| S. NO. | NAME OF THE COURSE                    | NAME OF THE E-CONTENT               | MONTH / YEAR | LINK OF THE E-CONTENT DEVELOPED   |
|--------|---------------------------------------|-------------------------------------|--------------|---|
| 1.     | Plant Diversity                       | Plant Diversity Mooc's Intro        | Nov 2021     | <a href="https://www.youtube.com/watch?v=3LLXzndYHyM">https://www.youtube.com/watch?v=3LLXzndYHyM</a>                     |
| 2.     | Biochemistry                          | Lipid Part I                        | Aug 2021     | <a href="https://www.youtube.com/watch?v=Zf2DMaSC3OM">https://www.youtube.com/watch?v=Zf2DMaSC3OM</a>                     |
| 3.     | Microbiology                          | Microbiology Introduction Part 1    | Jul 2021     | <a href="https://www.youtube.com/watch?v=3WDt-QB0HJY&amp;t=46s">https://www.youtube.com/watch?v=3WDt-QB0HJY&amp;t=46s</a> |
| 4.     | Biotechnology                         | Biofuels                            | Apr 2020     | <a href="https://www.youtube.com/watch?v=XGFIC-6eEd0&amp;t=66s">https://www.youtube.com/watch?v=XGFIC-6eEd0&amp;t=66s</a> |
| 5.     | Biochemistry, Biophysics & Biometrics | Structure of Monosaccharides        | Aug 2020     | <a href="https://www.youtube.com/watch?v=8D6qL9W9My">https://www.youtube.com/watch?v=8D6qL9W9My</a>                       |
| 6.     | Biochemistry, Biophysics & Biometrics | Carbohydrates-Introduction, Roles & | Aug 2020     | <a href="https://www.youtube.com/watch?v=Ng03CT5XvCc">https://www.youtube.com/watch?v=Ng03CT5XvCc</a>                     |

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| 7.  | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Properties of Monosaccharides</b>       | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/carbohydrates-monosaccharides-properties">https://www.slideshare.net/RAMESHVELCHAMY/carbohydrates-monosaccharides-properties</a>   |
| 8.  | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Structure and Types of DNA</b>          | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/sturcture-of-dna">https://www.slideshare.net/RAMESHVELCHAMY/sturcture-of-dna</a>   |
| 9.  | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Structure and Types of RNA</b>          | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/structure-and-types-of-rna">https://www.slideshare.net/RAMESHVELCHAMY/structure-and-types-of-rna</a>   |
| 10. | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Amino Acids</b>                         | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/aminoacids-238546959">https://www.slideshare.net/RAMESHVELCHAMY/aminoacids-238546959</a>   |
| 11. | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Enzymes</b>                             | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/enzymes-238569149">https://www.slideshare.net/RAMESHVELCHAMY/enzymes-238569149</a>   |
| 12. | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Proteins</b>                            | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/proteins-238569158">https://www.slideshare.net/RAMESHVELCHAMY/proteins-238569158</a>   |
| 13. | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Biophysics I</b>                        | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/law-of-thermodynamics-bioluminescence-fluorescence-phosphorescence">https://www.slideshare.net/RAMESHVELCHAMY/law-of-thermodynamics-bioluminescence-fluorescence-phosphorescence</a> |
| 14. | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Biophysics II</b>                       | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/mitochondrial-and-chloroplast-bioenergetics">https://www.slideshare.net/RAMESHVELCHAMY/mitochondrial-and-chloroplast-bioenergetics</a>   |
| 15. | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Biostatistics I</b>                     | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/basics-of-bio-statistics">https://www.slideshare.net/RAMESHVELCHAMY/basics-of-bio-statistics</a>   |
| 16. | <b>Biochemistry, Biophysics &amp; Biometrics</b> | <b>Biostatistics II</b>                    | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/biostatistics-238960760">https://www.slideshare.net/RAMESHVELCHAMY/biostatistics-238960760</a>   |
| 17. | <b>Microbiology</b>                              | <b>Introduction to Microbiology Part I</b> | <b>Aug 2020</b> | <a href="https://www.youtube.com/watch?v=CpTI7U1zuJI">https://www.youtube.com/watch?v=CpTI7U1zuJI</a>   |
| 18. | <b>Microbiology</b>                              | <b>Introduction to Microbiology Part</b>   | <b>Aug 2020</b> | <a href="https://www.youtube.com/watch?v=iRghWX">https://www.youtube.com/watch?v=iRghWX</a>   |

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| <b>19.</b> | <b>Microbiology</b> | <b>Structure Of Bacteria</b>                           | <b>Aug 2020</b> | <a href="https://www.youtube.com/watch?v=tGmmNi1y5hQ">https://www.youtube.com/watch?v=tGmmNi1y5hQ</a>   |
| <b>20.</b> | <b>Microbiology</b> | <b>General Features and Structure of Cyanobacteria</b> | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/general-features-and-structure-of-cyanobacteria">https://www.slideshare.net/RAMESHVELCHAMY/general-features-and-structure-of-cyanobacteria</a> |
| <b>21.</b> | <b>Microbiology</b> | <b>General Features and Structure of Viruses</b>       | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/general-characters-and-structure-of-viruses">https://www.slideshare.net/RAMESHVELCHAMY/general-characters-and-structure-of-viruses</a>         |
| <b>22.</b> | <b>Microbiology</b> | <b>General Features and Structure of Fungi</b>         | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/general-features-and-structure-of-yeastppt">https://www.slideshare.net/RAMESHVELCHAMY/general-features-and-structure-of-yeastppt</a>           |
| <b>23.</b> | <b>Microbiology</b> | <b>Staining Techniques</b>                             | <b>Sep 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/staining-techniques-238569117">https://www.slideshare.net/RAMESHVELCHAMY/staining-techniques-238569117</a>                                     |
| <b>24.</b> | <b>Microbiology</b> | <b>Nutrition and Nutritional Types of bacteria</b>     | <b>Nov 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/nutrition-and-nutritional-types-of-bacteria">https://www.slideshare.net/RAMESHVELCHAMY/nutrition-and-nutritional-types-of-bacteria</a>         |
| <b>25.</b> | <b>Microbiology</b> | <b>Measurement of Bacterial Growth</b>                 | <b>Oct 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/measurement-of-bacterial-growth">https://www.slideshare.net/RAMESHVELCHAMY/measurement-of-bacterial-growth</a>                                 |
| <b>26.</b> | <b>Microbiology</b> | <b>Culture Media</b>                                   | <b>Oct 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/culture-media-238960762">https://www.slideshare.net/RAMESHVELCHAMY/culture-media-238960762</a>   |
| <b>27.</b> | <b>Microbiology</b> | <b>Bacterial growth Curve</b>                          | <b>Oct 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/bacterial-growth-curve-238960758">https://www.slideshare.net/RAMESHVELCHAMY/bacterial-growth-curve-238960758</a>                               |
| <b>28.</b> | <b>Microbiology</b> | <b>Control of Microbes</b>                             | <b>Nov 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/control-of-microbes">https://www.slideshare.net/RAMESHVELCHAMY/control-of-microbes</a>   |
| <b>29.</b> | <b>Microbiology</b> | <b>Bacterial Photosynthesis</b>                        | <b>Nov 2020</b> | <a href="https://www.slideshare.net/RAMESHVELCHAMY/bacterial-photosynthesis-239049215">https://www.slideshare.net/RAMESHVELCHAMY/bacterial-photosynthesis-239049215</a>                           |

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|-----|---------------------------|--|----------|---|
| 30. | Microbiology              | Citric Acid Production   | Nov 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/citric-acid-production-239049232">https://www.slideshare.net/RAMESHVELCHAMY/citric-acid-production-239049232</a>   |
| 31. | Mushroom Cultivation      | Mushroom Cultivation Techniques                                | Apr 2020 | <a href="https://www.youtube.com/watch?v=dvb-UX0mi9g&amp;t=64s">https://www.youtube.com/watch?v=dvb-UX0mi9g&amp;t=64s</a>   |
| 32. | Mushroom Cultivation      | Mushroom Diseases and Managements                              | Oct 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/mushroom-diseases-amp-managements">https://www.slideshare.net/RAMESHVELCHAMY/mushroom-diseases-amp-managements</a>                                       |
| 33. | Mushroom Cultivation      | Mushroom Training And research centers IN TAMIL NADU AND INDIA | Oct 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/mushroom-training-and-research-centers-in-tamil-nadu">https://www.slideshare.net/RAMESHVELCHAMY/mushroom-training-and-research-centers-in-tamil-nadu</a> |
| 34. | Fungi and Plant Pathology | Introduction of Fungi  | Sep 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/introduction-to-fungi">https://www.slideshare.net/RAMESHVELCHAMY/introduction-to-fungi</a>   |
| 35. | Fungi and Plant Pathology | Classification of Fungi  | Sep 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/classification-of-fungi-alexopoulos-and-mims-new">https://www.slideshare.net/RAMESHVELCHAMY/classification-of-fungi-alexopoulos-and-mims-new</a>         |
| 36. | Fungi and Plant Pathology | ECONOMIC IMPORTANCE OF FUNGI                                   | Sep 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/economic-importance-of-fungi-238546961">https://www.slideshare.net/RAMESHVELCHAMY/economic-importance-of-fungi-238546961</a>                             |
| 37. | Fungi and Plant Pathology | <i>Penicillium</i> - Structure and Reproduction                | Oct 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/penicillium-structure-and-reproduction">https://www.slideshare.net/RAMESHVELCHAMY/penicillium-structure-and-reproduction</a>                             |
| 38. | Fungi and Plant Pathology | <i>Agaricus</i> - structure and Reproduction                   | Oct 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/agaricus-238960757">https://www.slideshare.net/RAMESHVELCHAMY/agaricus-238960757</a>   |
| 39. | Fungi and Plant Pathology | Lichens – Types, Structure, Reproduction and Importances       | Nov 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/lichens-structure-classification-and-reproduction">https://www.slideshare.net/RAMESHVELCHAMY/lichens-structure-classification-and-reproduction</a>       |
| 40. | Fungi and Plant Pathology | Little Leaf of Brinjal   | Oct 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/little-leaf-of-brinjal-238960763">https://www.slideshare.net/RAMESHVELCHAMY/little-leaf-of-brinjal-238960763</a>   |

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|-----|---------------------------|-----------------------|----------|---|
| 41. | Fungi and Plant Pathology | Blast disease In Rice | Nov 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/blast-disease-in-rice">https://www.slideshare.net/RAMESHVELCHAMY/blast-disease-in-rice</a>     |
| 42. | Fungi and Plant Pathology | Citrus canker         | Nov 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/citrus-canker-239051433">https://www.slideshare.net/RAMESHVELCHAMY/citrus-canker-239051433</a> |
| 43. | Fungi and Plant Pathology | Bunchy Top of Banana  | Nov 2020 | <a href="https://www.slideshare.net/RAMESHVELCHAMY/bunchy-top-of-banana">https://www.slideshare.net/RAMESHVELCHAMY/bunchy-top-of-banana</a>       |

## **25. PARTICIPATION IN ONLINE FDP, SHORT TERM COURSE, WORKSHOP, WEBINAR & QUIZ**

- Participated Faculty Development Programme entitled "Intellectual Property Rights In Academia" Organized by Department IPR CELL & IQAC, Sri Kaliswari College (Autonomous), Sivakasi, on 27.11.2020.
- Participated webinar on "Plant Science in Forest Canopies: Studying Epiphytic Orchids" Organized by Department of Botany, St Berchmans, Changanas College, Changanassery, Kerala on 12.11.2020.
- Participated webinar entitled "Traditional Foods of Kerala as Immunity Boosters" Organized by Department of Botany & IQAC, KKTU Govt. College, Pullut, Kerala on 1.11.2020.
- Participated webinar on "Techniques for isolation & identification of active ingredients from medicinal plants" Organized by Department of Botany & IQAC, KKTU Govt. College, Pullut, Kerala on 13.10.2020.
- Participated webinar on "Challenges in the control of COVID-19 (A molecular biological approaches)" Organized by PG & Research Department of Zoology, Vivekananda College, Tiruvudakam West on 20.9.2020.
- Participated webinar on "Modern Trends in Infectious Diseases and Antibiotics" Organized by PG & Research Department of Zoology, Vivekananda College, Tiruvudakam West on 12.9.2020.
- Participated webinar on "Open Educational Resources for Learning from Home" Organized by PG & Research Department of Zoology, Vivekananda College, Tiruvudakam West on 7.9.2020.

- **Participated webinar on “Structure and Genome of COVID-19 ( A molecular biological approaches)” Organized by PG & Research Department of Zoology, Vivekananda College, Tiruvedakam West on 31.8.2020.**
- **Participated webinar on “Plants-powerful source of Medicine” Organized by PG & Research Department of Microbiology, VHNSN College, Virudhunagar on 11.08.2020.**
- **Participated Seven days PMMMNMTT (MHRD Sponsored) Faculty Development Programme on “Earth and Environment Responses to Covid-19” HRDC Faculty Development Centre, SSPU, Pune from 11.07.2020 to 17.07.2020.**
- **Participated Ten days PMMMNMTT (MHRD Sponsored) National Workshop on “ Curriculum Design and Development” Organized By Centre for Curriculum Research, Policy and Educational Development and School of Education, Central University of Punjab, Bathinda from 21.07.2020 to 31.07.2020.**
- **Participated webinar on “Alternative Therapy for Oral Diseases – Exploring Newer Possibilities” Organized by Department of Botany of Sree Narayana College for Women, Kollam, Kerala, on 24.07.2020.**
- **Participated webinar on “Influence of Climate Change on Biodiversity Resources” Organized by Department of Botany of VOC College, Tuticorin, on 28.06.2020.**
- **Participated seven days Indian Science Academies Sponsored Science Leadership Workshop Organized By Central University of Punjab, Bathinda from 22.06.2020 to 28.06.2020.**
- **Participated webinar on “Antiviral Marine Macroalgae sulfated polysaccharides to boost immunity as well as active agent against Rsepiratory Infections” Organized by Department of Botany, VOC College, Tuticorin on 27.06.2020.**
- **Participated one week short term course on “Virtual Learning Environment” Organized by APA College of Arts and Culture, Palani, during 18.06.2020 to 24.06.2020.**

- **Participated webinar on Application of Molecular Markers in Plant Systematics Organized by Department of Botany, VOC College, Tuticorin, on 23. 06. 2020.**
- **Participated webinar on “Yoga Vs Covid – 19” Organized by Department of Physical Education of Vivekananda College, Tiruvedakam West, on 21.06.2020.**
- **Participated webinar on “Future of Examinations: Blooms Taxonomy and Multiple Assessment Tools” Organized by GTN College, Dindigul on 08.06.2020.**
- **Participated webinar on “Career in Biotechnology Challenge and Opportunities” Organized by Department of Biotechnology & Botany of Sri Kaliswari College, Sivakasi, on 06.06.2020.**
- **Participated one day programme of Interactive Tool on Biodiversity for World Environment Day -2020 Organized by APA College of Arts and Culture, Palani, , on 05.06.2020.**
- **Participated webinar on “Mangrove Environment” Organized by Department of Botany, AVVM Sri Pushpam College, Poondi, Thanjavur, on 05.06.2020.**
- **Participated in the webinar on “Urbanization and its Contribution to Climate Change” Organized by Department of Environmental Bishop Heber College, Tiruchirappalli, on 02.06.2020.**
- **Participated seven days International Faculty Development Program on “Biological Sciences” Organized by PG and Research Department of Botany, NGM College, Pollachi, during 25.05.2020 to 31.05.2020.**
- **Participated webinar on “Botanical Bioprospecting” Organized by Department of Botany of NGM College, Pollachi, on 27.05.2020.**
- **Participated Three days webinar on “Ecosystem Services and Management” Organized by Department of Botany Alagappa University, Karaikudi, during 24.05.2020 to 26.05.2020.**
- **Participated seven days Certificate Course on “Basics of Organic Farming” Organized by Department of Botany and IQAC, Athalye Sapre Pitre College, Devrukh, Maharashtra, during 17.05.2020 to 23.05.2020.**

- **Participated two days national level workshop on Flipped Classroom Learning Tools Through online mode on 15.05.20 & 16.05.20 Organized by APA College of Arts and Culture, Palani.**
- **Participated two Leadership Talk with Dr. Pramod Chudhari, Founder & Chairman, Praj Industries Ltd and Dr. Abhay Jee, Chief Innovation Officer MHRD Innovation Cell, Organized by MHRD Innovation Cell, on 16.05. 2020.**
- **Participated webinar on “Environment and Covid – 19 Pandemic” Organized by GVN College, Kovilpatti & Institute of Industrial and Marine Safety, Thoothukudi, Tamil Nadu, on 16.05.2020.**
- **Participated five days webinar series on “Global Perspective in Biotechnology” Organized by Biotechnology, PSR Engineering College, Sivakasi, during 11.05.202 to 15.05.2020.**
- **Participated one day FDP on “Unlocking The Potential – Role of Unnat Bharat Abhiyan in the Development of the Aspirational Districts in Tamil Nadu ” Organized by, Unnat Bharat Abhiyan, Kalasalingam Academy of Research and Education, on 14.05.2020.**
- **Participated two days online Course on “Endophytes – the Hidden Treasure” Organized by Department of Microbiology, Sri Sarada Niketan College of Science for Women, during 13<sup>th</sup> & 14<sup>th</sup> of May 2020.**
- **Participated in the two week “MOOC Workshop for College Teachers on Management of Environment and its Resources” Jointly Organized by Department of Chemistry and Research, Nesamony Memorial Christian College, Marthandam and Department of Chemistry and Research, St. Xaviers College, Palayamkottai from 28.04.2020 to 11.05.2020.**
- **Participated seven day FDP on “Effective Usage of ICT Tools for E-Content Preparation” Yayaraj Annapackiam College for Women, between 27.04.2020 to 02.05.2020.**
- **Participated in the webinar on “Autonomy and Academic Independence” Organized by SSUN, Tamil Nadu, on 02.05.2020.**
- **Participated one day FDP on “Innovation and Entrepreneurship” Organized by IEDC & IIC, Kalasalingam Academy of Research and Education, on 27.04.2020.**