

Profile



Name : Dr. R. KAVITHA
Gender : FEMALE
Date of Birth : 07/04/1989
Designation : ASSISTANT PROFESSOR
Department : BOTANY
Educational Qualification : M.Sc., B.Ed., SET, Ph.D.

| S. No. | Degree / Diploma | Subject / Main | Name of the College / University | % of marks obtained |
|--------|------------------|--|---|---------------------|
| 1. | U.G. | Plant Biology and Plant Biotechnology (Botany) | St.Xavier's College, Palayamkottai (M.S.University,Tirunelveli) | 85% |
| 2. | P.G. | Plant Biology and Plant Biotechnology (Botany) | St.Xaviers College, Palayamkottai (M.S.University,Tirunelveli) | 83% |
| 3. | Ph.D. | Botany | St. Joseph's College, Tiruchirapalli (Bharathidasan University) | Highly commended |
| 4. | NET/CSIR/SLET | SET (Life Sciences) | Bharathiyar University | - |
| 5. | B. Ed | Biological sciences | Lady Willingdon IASE, Chennai | 84% |

Aided : Shift I

Teaching Experience at Holy Cross College : 10 Years

Teaching Experience outside Holy Cross College : -

Total Teaching Experience : 10 years

Ph.D Thesis Title : Studies on the mosses of Pachamalai Hills in the Eastern Ghats of TamilNadu, India

Subjects of Expertise: Bryology, Pteridology, Bioinformatics, Molecular Biology, Microbiology

E-lessons developed:

| S.No | Title of e-lessons |
|------|--------------------------------|
| 1. | Vitamins |
| 2. | Biogas production |
| 3. | Structure of Bacteria |
| 4. | Sequence analysis tool - BLAST |

Positions Held

| S. No. | Name of the Position | Period |
|--------|-------------------------------------|------------------|
| 1. | Core committee member in NIRF, NAAC | 2015 - 2020 |
| 2. | NSS Programme Officer | 2017 - 2020 |
| 3. | Core member in Exam Committee | 2018 - 2019 |
| 4. | Organizing secretary of Botany Club | 2020 – 2021 |
| 5. | Core member in Exam Committee | 2021 – 2023 |
| 6. | Staff Club - Treasurer | 2022 - 2023 |
| 7. | Head of the department | 2024 – till date |

Minor Project completed

1. STRIDE – UGC Component I – Title of the project: Alternative plant based snake antivenom;
Fund sanctioned: Rs. 1,00,000/-; Duration: 3 years (2020-2023)

PAPERS PUBLISHED

1. Sahaya Sathish,S.,**Kavitha R.**,Nirmalkumar,J.,Vijayakanth,P.and Palani,R. 2013. Phytochemical Analysis of *Indigofera linnaei* L. using UV-VIS, FTIR and GC-MS, *Journal of Basic and applied biology* special issue pp 110-123.
2. Sahaya Sathish, S.,**Kavitha, R.**and Vijayakanth, P. 2013. Studies on the moss diversity of the Kolli hills in the Eastern Ghats of Tamil Nadu, India, *Journal of Basic and applied biology* special issue pp 322-334
3. Sahaya Sathish,S.,Vijayakanth,P.,Nirmalkumar,J., **Kavitha,R** and Palani,R. 2013. *In vitro* antibacterial activity of *Indigofera linnaei* L. against selected pathogenic bacteria, *Journal of Basic and applied biology* special issue pp 156-162.
4. Sengottuvel,R.,Palani,R.,Sahaya Sathish,S.,**Kavitha, R.** and Vijayakanth,P. 2013. The effect of various concentration of Mango spent water on seed germination and seedlings growth of green

gram (*Vigna 3adiate* L.) variety kurumani, *Journal of Basic and applied biology* special issue pp 250-264.

5. Sahaya Sathish,S.,**Kavitha,R.** and Senthil Kumar,S. 2013. Bryophytes in India- The current status. *International journal of Research in Engineering and Bioscience*. 1(4): 23-31.
6. Vimala A., Sahaya Sathish, S., Thamizharasi, T., Palani, R., Vijayakanth, P. and **Kavitha, R.**, 2017. Moss (Bryophyte) Mediated Synthesis and Characterization of Silver Nanoparticles from *Campylopus flexuosus* (Hedw.) Bird. *Journal of Pharmaceutical Sciences and Research*, 9(3): 292-297.
7. Vijayakanth, P., S. Sahaya Sathish, V. Irudayaraj, **R. Kavitha**, and J. Muzumdar 2018. Studies on the chromosome numbers of ferns from Kolli Hills, Eastern Ghats, Tamil Nadu, India. *Caryologia*, volume 71, issue 4, 380-396.
8. **Kavitha, R.**, Sahaya Sathish, S., Vijayakanth, P., Palani, R., Thamizharasi, T. and Vimala A. 2018. Diversity and Distribution of the Family Pottiaceae (Bryopsida) from Pachamalai Hills, Eastern Ghats of Tamil Nadu. *International Journal of Innovative Research in Technology*, 4(8): 84 – 90.
9. **Kavitha, R.**, Francisca, P. and Auxilia, A. 2019. Biosynthesis, Characterization and Antibacterial effect of Plant-mediated Silver Nanoparticles from *Adenanthera Pavonina* L. *Journal of Emerging technologies and Innovative Research*, 6(2): 344-349.
10. Francisca, P., **Kavitha, R.**, Auxilia, A. and Kayalvizhi, V. 2019. Efficiency of seaweed fertilizer as Biostimulant and radioprotectant on growth of *Vigna unguiculata* (L.) Walp. *Journal of Emerging technologies and Innovative Research*, 6 (1): 138-144.
11. Auxilia, A., Francisca, P., **Kavitha, R.** and R.Thendral. 2019. Assessment of *Gmelina arborea* Roxb. For their antibacterial activity against clinically important bacterial pathogens. *Journal of Emerging technologies and Innovative Research*, 6 (1): 1-9.
12. Vijayakanth, P., Jaideep Mazumdar, Sahaya Sathish, S., Ravi, V. and **Kavitha, R.** 2019. A new distribution record of *Asplenium scalare* Rosenst. (Aspleniaceae) in India. *Journal of threatened taxa*, 11 (12): 14627-14628.
13. **Kavitha, R.**, Claudio Medoona Rigley, Rebekka Salomy, S., Helen Mary Piramila, B. and Freeda Rose, A. 2021. *In vitro* analysis of antidiabetic and anti-inflammatory activities of selected medicinal plants. *Journal of Pharmaceutical Sciences and Research*, 13 (5): 259 – 270.
14. **Kavitha, R.**, Sushma, A., Janova Mary, L. and Maria Belciya, A. 2021. Phytochemical profiling and antioxidant activity of tuber extracts of *Cyperus rotundus* L. *International Journal of Botany Studies*, 6(6): 460 – 465.
15. **Kavitha, R.** and Sahaya Sathish, S. 2021. Checklist of mosses (Bryopsida) from Pachamalai Hills of Eastern Ghats, Tamil Nadu, India. *International Journal of Botany Studies*, 6(6): 1424 – 1429.

16. Thangarajan, S. Sahaya Sathish, S. Bavya, R. Kavitha, **R. Kavitha**, P. Vijayakanth, T. Tamilarasi and R. Palani. 2022. Phytochemical screening on moss (Bryophyte) plants *Homaliodendron flabellatum* (Sm)-M. Fleisch and *Hypopterygium tamarisci* (Sw) Brid. ex. Mull. Hal. plants extracts using UV-Vis, FTIR and GC/MS analysis. Journal for Basic Sciences, 22 (8): 104-120.
17. Kavitha, R., Sahaya Sathish, S., Bavya, S., Jahirhussain, G., Amzad Basha Kolar, and **Kavitha, R.** 2024. Studies on the phytochemical properties and antimicrobial activities of in vitro cultured *Lygodium microphyllum* (CAV.) R. BR. International Journal of Biosciences, 24(4): 83-90.
18. **Kavitha R**, HariPriya B, Femila Anugraha V, Janani K, Amala Ovia A and Janani P. 2024. Comparative Analysis of Growth and Biochemical Parameters of Selected Plants in Hydroponics and Soil System. Research Journal of Agricultural Sciences, 15(2): 525-530.
19. Helenmary Piramila B, **Kavitha R** and Brijith Oviya M. Green Synthesis of Silver Nanoparticles using *Pisonia alba* L. and its Antioxidant Activity. Research Journal of Agricultural Sciences, 15(4): 1033-1036.

PUBLICATION OF BOOK CHAPTER

| S. No. | Title of the Book chapter | Title of the Book | Publisher | Year & pages |
|--------|---|---|--------------------------------|---------------|
| 1. | Ethnobotanical Studies on the Medicinal Plants for Snake Envenomation. Book DOI: https://doi.org/10.62778/int.book.423 | Aromatic and Medicinal plants in Health care – Volume – 3 ISBN: 978-93-5834-454-7 | Integrated publications, Delhi | 2024 55-68 |

PATENT DETAILS

Number of Patents filed: 2

MEMBERS IN VARIOUS BODIES

- Reviewer of the following SCOPUS indexed journals –
 - Indian Journal of Natural Products and Resources (IJNPR)
 - Plant Science Today
- Reviewer of the following web of science indexed journals
 - Journal of Advances in Biology & Biotechnology
 - Uttar Pradesh Journal of Zoology
- Editorial Board Member in the “International Journal of Botany Studies” (Web of Science indexed)
- Editorial Board Member in the “Journal of Advanced Education and Sciences”

SEQUENCES SUBMITTED TO NCBI DATABASE

1. *Bacillus* sp. CSXC1 16S ribosomal RNA gene, partial sequence
AUTHORS: Kavitha,R., Louis,J. and Beschi,R.A.
GenBank ID: KJ130546.1
2. *Paenibacillus* sp. SSXC1 16S ribosomal RNA gene, partial sequence
AUTHORS: Kavitha,R., Daisy, P.V. and Beschi,R.
GenBank ID: KJ130545.1
3. *Bacillus soralis* strain PSXC1 16S ribosomal RNA gene, partial sequence
AUTHORS: Kavitha,R., Louis,J. and Beschi,R.
GenBank ID: KJ130544.1
4. *Brevibacillus parabrevis* strain BHCC1 16S ribosomal RNA gene, partial sequence
AUTHORS: Kavitha, R. and Metilda, M.
GenBank ID: MF357709.1

Conference/Seminar/Workshop/ Webinar/Training Programme attended – Academic & General:

| S.No | Theme | Place | International / National / State level | Year | Resource Person / Participation |
|------|---|---|--|------|---------------------------------|
| 1 | Global climatic changes | St.Xavier's College, Palayamkottai | National | 2009 | Participation |
| 2 | Thrust areas in Life Sciences | Cauvery College for Women,Trichy | National level Science Academies' Lecture workshop | 2013 | Participation |
| 3 | Pharmacognostical Screening of medicinal plants | Department of Botany, St. Joseph's College, Trichy | One-day State level workshop | 2013 | Participation |
| 4 | Microbial Genomics & Proteomics | Dept. of BIF and Dept. of Biotechnology, Alagappa University, Karaikudi | National Seminar cum Workshop | 2015 | Participation |
| 5 | Whole Grain for Healthy life | Indian Institute of Crop Processing Technology, Ministry of Food Processing, Govt. of India, Thanjavur. | National Seminar | 2015 | Participation |
| 6 | Human Values Development Programme (HVDP) | All India Association for Christian Higher Education, Poondi | National Workshop | 2016 | Participation |

| | | | | | |
|----|---|--|--|------|---------------|
| | | Matha Retreat Centre, Poondi. | | | |
| 7 | Bio-Entrepreneurship | PG & Research Department of Botany, Holy Cross College, Trichy. | National Seminar | 2016 | Participation |
| 8 | Goodness of God and Nature | Xavier Board of Higher Education in India & Holy Cross College, Trichy | State level Inter-collegiate competition and Seminar | 2018 | Participation |
| 9 | Webinar on 'How to use Turnitin software for your research' | Guru Nanak Institute of Management studies, New Delhi | National webinar | 2020 | Participation |
| 10 | Webinar on 'Bacterial virulence: Perceptive and Pragmatic approach' | Department of Microbiology, Indian – Academy Degree College (Autonomous), Bangalore, India | Webinar | 2020 | Participation |
| 11 | Webinar series entitled 'Next generation sequencing & Metagenome Analysis' | DBT-STAR College scheme, Ram Lal Anand College, University of Delhi | National webinar | 2020 | Participation |
| 12 | Webinar on 'Plant Molecular changes in SPACE' | Department of Botany, G.T.N. Arts College (Autonomous), Dindigul | National webinar | 2020 | Participation |
| 13 | UGC STRIDE COMPONENT I - Webinar series on 'Reimaging Research in the era of disruptions and uncertainties' | Centre for Research & Publications, Holy Cross College (Autonomous), Trichy | UGC STRIDE COMPONENT I - Webinar series | 2020 | Participation |
| 14 | Webinar on 'NDLI user awareness' | MHRD, National Digital Library of India | Webinar | 2020 | Participation |
| 15 | HCCares webinar series on 'Seed and Weed Nurturing relationships' | Holy Cross College (Autonomous), Trichy | HCCares webinar series | 2020 | Participation |
| 16 | International conference on 'Recent Trends in Biological Science' | PG & Research Dept. of Botany, St. Joseph's College, Trichy & St. Andrew's College, Gorakpur | International conference | 2020 | Participation |
| 17 | Webinar on 'Obesity and its role in Breast cancer' | CICRSD, Holy Cross College | Webinar | 2020 | Participation |

| | | | | | |
|----|---|---|--|------|---------------|
| | | (Autonomous), Trichy | | | |
| 18 | Webinar on 'Discover your values: COVID 19' | Dept. of Value Education, Holy Cross College (Autonomous), Trichy | Webinar | 2020 | Participation |
| 19 | A one day webinar on 'Biodiversity – Urgent and Existential Concerns' | PG & Research Department of Botany, St. Mary's College (Autonomous), Thoothukudi | A one day webinar | 2020 | Participation |
| 20 | UGC STRIDE COMPONENT I - Webinar series II on 'STRIDE tutorial for transdisciplinary research' | Centre for Research & Publications, Holy Cross College (Autonomous), Trichy | UGC STRIDE COMPONENT I - Webinar series II | 2020 | Participation |
| 21 | Faculty Orientation webinar series on 'Risk Management in Times of Crisis' | IQAC, Holy Cross College (Autonomous), Trichy | Faculty Orientation webinar series | 2020 | Participation |
| 22 | Webinar on 'Heed on COVID 19' | NSS, Holy Cross College (Autonomous), Trichy | Webinar | 2020 | Participation |
| 23 | Webinar on 'In vitro productions of secondary metabolites | PG & Research Department of Botany, Holy Cross College (Autonomous), Trichy | Webinar | 2020 | Participation |
| 24 | A one-day Webinar on 'Protecting research inventions through Intellectual Property Rights' | PG & Research Department of Botany, Holy Cross College (Autonomous), Trichy | Webinar | 2020 | Participation |
| 25 | Webinar on 'Combat the pandemic stress through Yoga' | Holy Cross College (Autonomous), Trichy | Webinar | 2020 | Participation |
| 26 | UGC STRIDE Component I - FDP – Webinar Series III | Centre for Research & Publications, Holy Cross College (Autonomous), Trichy | UGC STRIDE Component I - FDP – Webinar Series III | 2020 | Participation |
| 27 | International webinar on 'Phytochemicals as an antioxidant alternate to combat MDR' | PG & Research Department of Botany, Holy Cross College (Autonomous), Trichy | International webinar | 2020 | Participation |

| | | | | | |
|----|--|--|---|------|---------------|
| 28 | Webinar on 'Aadi Patamum Veethothamum' | Holy Cross College (Autonomous), Trichy | Webinar | 2020 | Participation |
| 29 | One day International webinar on 'Climate change and carbon capture strategies' | Dept. of Botany, Annai Arts and Science College, Thanjavur | One day International webinar | 2020 | Participation |
| 30 | National webinar on 'Gender Equity: Agency and Empowerment' | Women Studies Centre, Holy Cross College (Autonomous), Trichy | National webinar | 2020 | Participation |
| 31 | A three day International Webinar Series on 'Unlocking Approaches in Biological Sciences' | PG & Research dept. of Botany, Dept. of Biotechnology School of Biological Sciences, St. Joseph's College (Autonomous). Trichy | A three day International Webinar Series | 2020 | Participation |
| 32 | Webinar on 'The implications of the NEP 2020 for Higher Education and Role of Teachers' | IQAC, Holy Cross College (Autonomous), Trichy | Webinar | 2020 | Participation |
| 33 | International webinar on 'Recent Trends in Biodiversity Conservation and Prospecting' | PG & Research department of Zoology, Poompuhar College (Autonomous), Tamil Nadu HR & CE dept., Melaiyur | International webinar | 2020 | Participation |
| 34 | UGC STRIDE Component I - Empowerment series V on 'Writing a Research Proposal beyond the conventional way' | Centre for Research & Publications and Institution's Innovation Council, Holy Cross College (Autonomous), Trichy | UGC STRIDE Component I - Empowerment series V | 2020 | Participation |
| 35 | National Level Webinar on 'Role of Taxonomy in Faunal Diversity and Conservation' | PG & Research department of Zoology, Govt. Arts College, Kumbakonam | National Level Webinar | 2020 | Participation |
| 36 | UGC STRIDE Component I - Empowerment | Centre for Research & Publications and | UGC STRIDE Component I - | 2020 | Participation |

| | | | | | |
|----|---|---|--|------|---------------|
| | series VII on 'Entrepreneurship as a career option | Institution's Innovation Council, Holy Cross College (Autonomous), Trichy | Empowerment series VII | | |
| 37 | UGC STRIDE Component I - Empowerment series VIII on 'Art of Writing a research paper' | Centre for Research & Publications and Institution's Innovation Council, Holy Cross College (Autonomous), Trichy | UGC STRIDE Component I - Empowerment series VIII | 2020 | Participation |
| 38 | UGC STRIDE Component I - Empowerment series IX on 'IPR, Copyright and Patenting' | Centre for Research & Publications and Institution's Innovation Council, Holy Cross College (Autonomous), Trichy | UGC STRIDE Component I - Empowerment series IX | 2020 | Participation |
| 39 | UGC STRIDE Component I - Empowerment series X on 'Application of statistical tools in research' | Centre for Research & Publications and Institution's Innovation Council, Holy Cross College (Autonomous), Trichy | UGC STRIDE Component I - Empowerment series X | 2020 | Participation |
| 40 | UGC STRIDE Component I – Orientation on IVP – Innovation Voucher Program | Centre for Research & Publications and Institution's Innovation Council in collaboration with Crescent Incubation and Innovation Council, Holy Cross College (Autonomous), Trichy | UGC STRIDE Component I – Orientation on IVP | 2020 | Participation |
| 41 | Webinar on 'Advances in Post Harvest Management of Fruits and Vegetables' | Dhanalakshmi Srinivasan Agriculture College, Perambalur | Webinar | 2020 | Participation |
| 42 | UGC STRIDE Component I - Empowerment series VIII on | Centre for Research & Publications and Institution's | UGC STRIDE Component I - Empowerment series VIII | 2020 | Participation |

| | | | | | |
|----|--|---|--------------------------|--|---------------|
| | ‘BeTWEEN Our story...’ | Innovation Council, Holy Cross College (Autonomous), Trichy | | | |
| 43 | Webinar on ‘Addressing Challenges in Higher Education through the OBE mode’ | IQAC, Holy Cross College (Autonomous), Trichy | Webinar | 2021 | Participation |
| 44 | International webinar on ‘Recent and Emerging Trends in Biotechnology’ | Department of Botany, Nirmala College for Women (Autonomous), Coimbatore. | DBT sponsored webinar | 2021 | Participation |
| 45 | International Webinar on “Nurturing Biodiversity; An Imperative Commitment to Mankind” | Department of Botany & Zoology, K.L.E. Society’s S. Nijalingappa College, Bengaluru, Karnataka. | IQAC | 2021 | Participation |
| 46 | International webinar on ‘Industrial Spirulina Production Technology’ | Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi, TamilNadu | Webinar | 2021 | Participation |
| 47 | International webinar on ‘Stem cell and its therapeutic applications’ | Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi, TamilNadu | Webinar | 2021 | Participation |
| 48 | International virtual conference on ‘Intellectual Property Rights – A Scientific Paradox | Department of Botany, Sri Sarada College for Women (Autonomous), Salem, Tamil Nadu | Webinar | 2022 | Participation |
| 49 | International Conference on “Materials Science for Sustainable Environment” | PG & Research Department of Chemistry, Holy Cross College (Autonomous) Tiruchirappalli. | International Conference | 23 rd & 24 th August 2022 | Participation |
| 50 | National Seminar on “Phytomedicine and Nanomaterials in Plant Sciences” | PG and Research, Department of Botany, Holy Cross College (Autonomous), Trichy | National Seminar | 15 th & 16 th December 2022. | Participation |

| | | | | | |
|----|---|---|------------|---------------------------------|---------------|
| 51 | One day Conference on “Challenges and Opportunities in Life Sciences” organized by the School of Life Sciences. | Holy Cross College (Autonomous), Trichy | Conference | 15 th February 2023. | Participation |
|----|---|---|------------|---------------------------------|---------------|

Papers presented in the Conference/Seminar

| S. No. | Theme | Place | International / National / State level | Year | Resource Person / Paper Presentation / Participation |
|--------|---|---|--|------|--|
| 1. | Contemporary trends in Biotechnology | Ayya Nadar Janaki Ammal College, Sivakasi | National | 2009 | Paper presentation |
| 2. | Sustainable Utilization, Management and Conservation of Bioresources | Department of Botany, St. Joseph’s College, Trichy | International | 2013 | Paper presentation |
| 3. | Role of Lower plants in the Forest ecosystem: Diversity, Conservation and Utilization potential | Department of Botany, Govt. College, Chittur, Palakkad. | National Seminar | 2015 | Paper presentation |
| 4. | International Conference on Frontiers in Life Science | Department of Botany, St. Joseph’s College, Trichy | International Conference | 2016 | Paper presentation |
| 5. | Current Trends in Biological Sciences | PG & Research Department of Botany, St. Xavier’s College, Tirunelveli | National Conference | 2019 | Paper presentation |

Orientation/Refresher / FDP courses attended:

| Name of the Course | Academic Staff College, University | Duration in Days | From – To |
|--------------------|--|------------------|--------------------------|
| Orientation Course | UGC – sponsored 97 th Orientation Programme HRDC, Bharathidasan University, Tiruchirappalli | 28 days | 23.08.2017 to 19.09.2017 |

| | | | |
|---|---|---------|--------------------------|
| Orientation Course | NSS Orientation Course, NSS Empanelled Training Institution, Govt. of India, Madras School of Social work, Chennai. | 7 days | 17.07.2019 to 23.07.2019 |
| Two days online Faculty Development Program on 'Behavioural Role modeling and use of ICT tools for teachers 2020' | PG & Research Department of Commerce, Bon Secours college for women, Thanjavur | 2 days | 20.04.2020 to 21.04.2020 |
| International Faculty Development Program on 'Develop the ability to write research proposal' | Adarsh Group of Institutions, AIMIT, Bangalore | One day | 24.04.2020 |
| Faculty Development Program on 'Research Methodology' | Bharathiar University Arts and Science College, Pollachi | One day | 27.04.2020 |
| Faculty Development Webinar series on 'Androgogy of Online Teaching' | IQAC, Holy Cross College (Autonomous), Trichy | One day | 29.05.2020 |
| Faculty Development Webinar series on 'Remote Classrooms – Digital Technology in Teaching Learning' | IQAC, Holy Cross College (Autonomous), Trichy | One day | 30.05.2020 |
| One week online International Faculty Development Program on 'Artificial Intelligence and IoT – Heuristic Transdisciplinary perspectives' | CICRSD, Holy Cross College (Autonomous), Trichy | 7 days | 04.07.2020 to 10.07.2020 |
| Faculty Development Programme | One week online FDP on 'Mentoring pedagogy and Teaching for Higher Education' Indian Institute of Technology (IIT), Guwahati | 6 days | 14.06.2021 to 19.06.2021 |
| Two week interdisciplinary Refresher Course (Online) "Managing Online Classes & Co- creating MOOCS 6.0" | Teaching Learning Centre, Ramanujan College, University of Delhi, Ministry of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching | 14 days | 05.07.2021 to 19.07.2021 |

| | | | |
|--|---|---------|-----------------------------|
| National Level Faculty Development Programme on “ Reimagining Plant Sciences for Sustainable Future- Opportunities and Challenges” | PG & Research Department of Botany, Holy Cross College (Autonomous) Tiruchirappalli-2 | 5 days | 02.08.2021 to 06.08.2021 |
| Two week interdisciplinary Refresher Course on Life Sciences | UGC – sponsored online Refresher course, HRDC, Bharathidasan University, Tiruchirappalli | 14 days | 08.09.2021 to 21.09.2021 |
| Two week refresher course in Life Sciences | University grants commission Ministry of Education, Teaching Learning Centre, Ramanujan College, University of Delhi | 14 days | 28.10.2022 to 11.11.2022 |
| Two week refresher course in Botany | University grants commission Ministry of Education, Teaching Learning Centre, Ramanujan College, University of Delhi | 14 days | 18.02.2023 to 04.03.2023 |

NPTEL – SWAYAM Course Completed

1. NPTEL Online course funded by Ministry of HRD, Govt. of India – 8 week course on Cell Biology – Cellular Organization, Division and Processes.
2. NPTEL – MOOC online course organized by Ministry of Education, IIT, Madras- 8 week course (Aug-Oct 2022) on Ecology and Environment.

Conference/Seminar/Workshop/ Webinar/Training Programme organized:

1. Organizing secretary of the webinar on ‘ Heed on COVID’ conducted by National Service Scheme of Holy Cross College (Autonomous), Trichy on 15.06.2020.
2. Organizing secretary of 3 days online quiz on the topic ‘ COVID – 19 Awareness quiz’ from 18.06.2020 to 20.06.2020 conducted by National Service Scheme of Holy Cross College (Autonomous), Trichy.
3. Organizing Secretary in the National Webinar on “Diversity and Distribution of Pteridophytes in India” on 06.08.2020, conducted by PG & Research department of Botany, Holy Cross College (Autonomous), Trichy.
4. Organizing Secretary in the National Webinar on “Marine Bio-prospecting” on 06.10.2020, conducted by PG & Research department of Botany, Holy Cross College (Autonomous), Trichy.

5. Organizing Secretary of the Intercollegiate Debate competition titled 'Scientific invention is a boon or bane' on 30.01.2021, conducted by PG & Research department of Botany, Holy Cross College (Autonomous), Trichy.
6. Organizing Secretary of the National Webinar on "DNA Barcoding and Herbal Product Authentication" on 13.03.2021, conducted by PG & Research department of Botany, Holy Cross College (Autonomous), Trichy.
7. Organizing secretary of 3 days online quiz on the topic ' Biodiversity and its importance' from 22.05.2024 to 24.05.2024 conducted by PG & Research department of Botany, Holy Cross College (Autonomous), Trichy in commemoration of International day of Biological diversity,
8. Convenor of the Webinar on 'Our land, Our future, We are # Generation Restoration' on 05.06.2024, conducted by PG & Research department of Botany, Holy Cross College (Autonomous), Trichy, in commemoration of World Environment day.
9. Organizing Secretary of Tree Scavenger Hunt Game held on 6th July 2024 conducted by PG & Research department of Botany, Holy Cross College (Autonomous), Trichy in commemoration of Tree Plantation Week
10. Organizing Secretary of International Symposium on Microbiome and Transformative Biology held on 30th August 2024 at Holy Cross College (Autonomous), Trichy.
11. Convener of Intercollegiate debate on GMO Vs Organic: Which Path holds sustainable agriculture? held on 19.09.2024 at Holy Cross College (Autonomous), Trichy.

CONSULTANCY /RESOURCE PERSON

- Awareness lecture on 'Invasive alien plant species' in Cambridge Matriculation Higher Secondary school, Agasthiarpatti, Tirunelveli
- Served as Judge for Collage making competition INDEP 23' held at St. Joseph's College, Tiruchirappalli
- Served as Quiz mistress for the Quiz competition held at PG & Research department of Botany for I PG and II PG students in the year 2021.
- Served as Judge for Inter-collegiate Rangoli competition in 'Nutri Fest- 2K24 on 4th September 2024 organized by Department of Biochemistry, Holy Cross College (Autonomous), Tiruchirappalli.

Other Honors /Awards/Achievements/ Responsibilities:

1. Secured First Rank in UG, PG & B.Ed Courses
2. Got Best Oral Presentation Award in the National Seminar conducted by the Department of Botany, Govt. College, Chittur, Palakkad On 9-10 December, 2015.
3. Participated in Pathanjali Book Of World Records on 21st June World Yoga Day.
4. Received Young Scientist Award in the year 2021, from Institute of Researchers, Wayanad, Kerala, registered with Ministry of MSME, Govt. of India.

Mobile : 8056439269

Email – ID : kavibbt@gmail.com
kavitharamachandran@hcctrichy.ac.in