



**Dr. J. JEYAKANTHAN**  
**Senior Professor and Head**

## Contact

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## Academic Qualifications

| Degree   | Institution          | Year | Branch                         | Class            |
|----------|----------------------|------|--------------------------------|------------------|
| D.Sc     | Alagappa University  | 2022 | Bioinformatics                 | Highly Commended |
| Ph.D.    | University of Madras | 2000 | Crystallography and Biophysics | Highly Commended |
| M. Phil. | M. K. University     | 1995 | Physics                        | First            |
| M.Sc.    | M. K. University     | 1993 | Physics                        | First            |

## Teaching Experience

Total Teaching Experience : 14 Years

| Position                  | Institution                  | Duration               |
|---------------------------|------------------------------|------------------------|
| Senior Professor and Head | Department of Bioinformatics | April 2020 - *         |
| Professor and Head        |                              | March 2010 -March 2020 |

## Research Experience

Total Research Experience : 31 Years

| Position                  | Institution                             | Duration                  |
|---------------------------|---|---------------------------|
| Senior Professor and Head | Department of Bioinformatics            | April 2020 – Till date*   |
| Professor and Head        |   | March 2010 – March 2020   |
| Research Scientist        | SPring-8, Japan                         | May 2007 – March 2010     |
| Researcher                | RIKEN Harima Institute, SPring-8, Japan | June 2003 – May 2007      |
| Post Doctoral Fellow      | Indian Institute of Science, Bangalore  | January 2000 – May 2003   |
| CSIR SRF-JRF              | University of Madras, Chennai           | June 1995 – December 1999 |

## Academic and Additional Responsibilities

| Administrative Roles |                            |  |        |      |
|----------------------|----------------------------|--|--------|------|
| S.No                 | Position                   | University Bodies  | Period |      |
|                      |                            |  | From   | To   |
| 1.                   | Member of Syndicate        | Alagappa University (Nominated by Governor of Tamil Nadu)                                    | 2016   | 2019 |
| 2.                   | Senate                     | Alagappa University  | 2010   | -*   |
| Academic Position    |                            |  |        |      |
| 3.                   | Head of the Department     | Department of Bioinformatics, Alagappa University  | 2010   | - *  |
| 4.                   | Dean Faculty of Science    | All Science Departments, Alagappa University   | 2023   | - *  |
| 5.                   | Chairperson                | School of Biological Sciences, Alagappa University   | 2015   | - *  |
| 6.                   | Director                   | Alagappa University Ranking Cell (AURC)  | 2019   | - *  |
| 7.                   | Project Coordinator and PI | DBT-Bioinformatics and Computational Biology Center (BIC) and National Network Project (NPP) | 2022   | - *  |
| 8.                   | Coordinator                | DST-PURSE (Phase-II), All Science Departments, Alagappa University                           | 2017   | - *  |
| 9.                   | Coordinator                | DST-FIST Program (Level-I), Department of Bioinformatics, Alagappa University                | 2017   | - *  |
| 10.                  | Coordinator                | UGC Innovative Program (PG Diploma), Department  | 2013   | - *  |

|                                  |             |  |             |             |
|----------------------------------|-------------|--|-------------|-------------|
|                                  |             | of Bioinformatics, Alagappa University   |             |             |
| 11.                              | Chairman    | Board of Studies of Bioinformatics, Alagappa University  | 2010        | - *         |
| <b>Additional Responsibility</b> |             |  |             |             |
| 12.                              | Ambassador  | The Association of Commonwealth Universities (ACU), Alagappa University                                | 2022        | - *         |
| 13.                              | Member      | Project Monitoring Unit Academic Core Committee of RUSA 2.0  | 2022        | - *         |
| 14.                              | Member      | Guru Dakshata – UGC Quality Mandates   | 2021        | - *         |
| 15.                              | Member      | Paramarsh - UGC Quality Mandates   | 2021        | - *         |
| 16.                              | Member      | CARE/STRIDE - UGC Quality Mandates   | 2021        | - *         |
| 17.                              | Coordinator | Tamil Nadu State University Rating Framework (TANSURF), Alagappa University                            | 2018        | - *         |
| 18.                              | Member      | Research Advisory Committee (RAC), Alagappa University   | 2016        | - *         |
| 19.                              | Member      | Anti-Ragging Committee, Alagappa University  | 2016        | - *         |
| 20.                              | Member      | Website Maintenance Committee, Alagappa University   | 2010        | - *         |
| 21.                              | Member      | Standing Committee on Academic Affairs, Alagappa University  | 2010        | - *         |
| 22.                              | Coordinator | Higher Education Best Practice Cell, Alagappa University   | 2022        | 2023        |
| 23.                              | Member      | Internal Quality Assurance Cell (IQAC)   | 2022        | 2024        |
| 24.                              | Director    | Center for Internal Quality Assurance Committee, Directorate of Online Programmes, Alagappa University | 2019        | 2021        |
| 25.                              | Chairman    | Board of Studies of Botany   | 2019        | 2020        |
| 26.                              | Head        | Department of Botany, Alagappa University  | 2019<br>Mar | 2019<br>Nov |
| 27.                              | Member      | Internal Quality Assurance Committee, Directorate of Distance Education (DDE), Alagappa University     | 2018        | 2020        |
| 28.                              | Member      | Sports Advisory Board  | 2018        | 2020        |
| 29.                              | Member      | Finance Committee  | 2018        | 2019        |
| 30.                              | Member      | Governing Council for DDE, Alagappa University   | 2018        | 2019        |
| 31.                              | Member      | Board of Governors of RUSA 2.0, Alagappa University  | 2018        | 2019        |
| 32.                              | Coordinator | National Institutional Ranking Framework Cell  | 2017        | 2019        |
| 33.                              | Member      | Purchase Committee of Alagappa University  | 2016        | 2019        |
| 34.                              | Director    | Collaborative Programmes, Alagappa University  | 2015        | 2017        |
| 35.                              | Member      | Research Advisory Committee, Alagappa University   | 2012        | 2015        |
| 36.                              | Director    | Centre for International Relations, Alagappa University  | 2012        | 2016        |
| 37.                              | Coordinator | Career Guidance & Counseling Cell, Alagappa University   | 2012        | 2013        |
| 38.                              | Member      | Internal Quality Assurance Cell (IQAC)   | 2010        | 2016        |

## Areas of Research

**Broad Subject** : Structural Biology and Bio-Computing  
**Area of Specialization** : Small and Macro Molecule X-ray Crystallography

### Current Research focus

- **Structural and Functional Studies on Vital Drug Targets**
  - ❖ My research focuses on Structural Biology, Computer-Aided Drug Design, and Bio-Computing. I have 29 years of Research expertise in Structural and Functional aspects of model organisms *Thermus thermophilus* HB8 and *Pyrococcus horikoshii* OT3 (which shares similarity to the human genome) and disease-associated targets such as Cancer (Pak1), Diabetes (SIRT4), Chikungunya (nsP2 Protease), Dengue (STAT2), Filariasis (lysine and peptidoglycan biosynthesis proteins of Wolbachia endosymbiont of *Brugia malayi*), Malaria (*Plasmodium falciparum*), TB (*Mycobacterium tuberculosis*), SARS-CoV-2 (Covid-19), clinical isolates of ESKAPE Pathogens, *Serratia marcescens* and *Nocardia Species* (nosocomial infections).
- **Development of Databases, Software and Tools**
  - ❖ Web based search engines for analyzing macromolecular interactions

## Patents Filed

| S.No. | Title of Patent / Tech.Transfer / Product / Process   | Author(s)  | Patent Number      | Date           | Status (Filed/ Published / Granted) |
|-------|---|--|--------------------|----------------|-------------------------------------|
| 1.    | A Process of Extraction of Copper Oxide Nanoparticles Using Green Synthesis                       | Dr. A. Sivaranjini, Dr. R. Subashkumar, Dr. P. Boomi, Dr. S. Santhosh Baboo, Dr. B. L. Shivakumar, A. Aswini, <b>Dr. J. Jeyakanthan</b> , Dr. H. Gurumalles Prabhu, Dr. P. Sagadevan | 2021410<br>49992   | December, 2021 | Published                           |
| 2.    | Synergistic formulation for preventing antibiotic resistance effect of <i>Serratia marcescens</i> | Dr. Dhamodharan Prabhu, Dr. Sundarraj Rajamanikandan, Ramasamy Palaniappan, <b>Dr. J. Jeyaraman</b>  | 2022410<br>57508 A | December, 2022 | Published                           |

## Research Supervision / Guidance

| Program of Study |             | Completed | Ongoing |
|------------------|-------------|-----------|---------|
| Research         | PDF         | 04        | 04      |
|                  | Ph.D.       | 11        | 10      |
|                  | M.Phil.     | 08        | -       |
| Project          | PG          | 58        | -       |
|                  | UG / Others | 10        | -       |

## Publications

| International |             | National  |  | Others                                     |
|---------------|-------------|-----------|--|--|
| Journals      | Conferences | Journals  | Conferences                              | Books / Chapters /<br>Monographs / Manuals |
| 205           | 108         | 04        | 145                                      | 15   |
| h-index       | i10 index   | Citations | Cumulative Impact Factor<br>(as per JCR) |  |
| 29            | 84          | 3347      | 753                                      |  |

Ongoing Projects: **(Total Fund recieved: 463.31 Lakhs)**

| S. No | Agency          | Period |      | Project Title   | Budget (Rs. In lakhs) |
|-------|-----------------|--------|------|---|-----------------------|
|       |                 | From   | To   |   |                       |
| 1.    | DBT             | 2023   | - *  | DBT-National Network Project (NNP) (Project Coordinator and PI)   | 144.56                |
| 2.    | DBT             | 2022   | - *  | DBT – Bioinformatics and Computational Biology Center (Project Coordinator and PI)  | 183.80                |
| 3.    | DST-INDO-TAIWAN | 2020   | 2024 | Structural and functional insights of potential anti-malarial drug targets of G6PD and 6PGD from <i>Plasmodium falciparum</i> (3D7)   | 73.72                 |
| 4.    | TANSCHÉ         | 2021   | 2024 | Structural and functional characterization of phosphotransacetylase (PTA) and Acetate Kinase (ACKA) from Mycobacterium tuberculosis H3R7Rv using <i>in silico</i> and <i>in vitro</i> studies | 29.80                 |
| 5.    | ICMR            | 2022   | 2024 | Computational and functional characterization of peptide inhibitors disrupting LIMK2-cofilin interaction as a novel therapeutic target towards Glaucoma (Co-PI)                               | 15.80                 |

|    |                             |      |      |  |       |
|----|-----------------------------|------|------|--|-------|
| 6. | <b>RUSA 2.0 (Phase -II)</b> | 2022 | 2023 | Experimental and Computational Drug Discovery Studies for Life-Threatening Diseases under the Central theme, Translational Health Research for Human, Animal and plant Systems | 15.63 |
|----|-----------------------------|------|------|--|-------|

**Completed Projects: (Total Fund received: 424.09 Lakhs)**

| S. No | Agency                     | Period |      | Project Title  | Budget (Rs. In lakhs) |
|-------|----------------------------|--------|------|--|-----------------------|
|       |                            | From   | To   |  |                       |
| 1.    | <b>RUSA 2.0 (Phase -I)</b> | 2019   | 2021 | Experimental and Computational Drug Discovery Studies for Life-Threatening Diseases under the Central theme, Translational Health Research for Human, Animal and plant Systems | 18.14                 |
| 2.    | <b>DAE-BRNS</b>            | 2018   | 2021 | Design, Synthesis and <i>in vitro</i> anticancer activity of novel and potent signaling influences therapeutic outcome in pancreatic cancer vated kinase 1 (Pak1) inhibitors   | 30.33                 |
| 3.    | <b>ICMR</b>                | 2017   | 2020 | Structural insights of SIRT4 protein from <i>Homo sapiens</i> to identify inhibitors for the treatment of Type-II diabetes   | 33.34                 |
| 4.    | <b>DST-SERB</b>            | 2016   | 2019 | Identification of Potential Anti-Filial drug targeted enzymes Wbm0441, Wbm0042 from <i>Wolbachia endosymbiont Brugia malayi</i>  | 69.38                 |
| 5.    | <b>UGC-RA</b>              | 2016   | 2018 | Structural and Functional Insights of potential therapeutic dengue fever target STAT2 protein from <i>Homo Sapiens</i>   | 37.80                 |
| 6.    | <b>DBT</b>                 | 2015   | 2018 | Development of Web Based Search Engines for the Analyses of Protein interactions with Nucleotides, Fatty Acids and Buffers   | 13.81                 |
| 7.    | <b>DST</b>                 | 2013   | 2016 | Structural and Functional Studies of Purine Biosynthesis complex from <i>Pyrococcus horikoshii</i> OT3   | 48.98                 |
| 8.    | <b>DBT-TWIN</b>            | 2013   | 2016 | Structural and Functional Studies of Translation Initiation factors from <i>Pyrococcus horikoshii</i> OT3  | 77.00                 |
| 9.    | <b>DBT</b>                 | 2012   | 2015 | Structure determination of CPS and ATCase of <i>Thermus thermophilus</i> HB8 and identification of potential inhibitors  | 32.16                 |
| 10.   | <b>DBT</b>                 | 2012   | 2015 | Structural and Functional analysis of Orotate Phosphoribosyl transferase (TTHA1742) and Dihydroorotate Dehydrogenase (TTHA0779) from <i>Thermus thermophilus</i> HB8           | 50.25                 |
| 11.   | <b>UGC</b>                 | 2012   | 2015 | Structure and functional studies on PH0140 protein from <i>Pyrococcus horikoshii</i> OT3   | 12.90                 |

**Other Fund Received as Research Mentor: (Total Fund recieved: 135.67 Lakhs)**

| S. No | Agency             | Period |      | Project Title   | Budget (Rs. In lakhs) |
|-------|--------------------|--------|------|---|-----------------------|
|       |                    | From   | To   |   |                       |
| 1.    | ICMR - SRF         | 2022   | 2023 | Structural and Functional Insights on Anti-Filarial Drug targeted enzymes using <i>in silico</i> and <i>in vitro</i> approach   | 4.77                  |
| 2.    | ICMR - SRF         | 2022   | 2024 | Computational and Experimental Characterization of Therapeutic Protein Targets in <i>Acinetobacter baumannii</i>  | 9.55                  |
| 3.    | ICMR - SRF         | 2022   | 2024 | Structural studies on polyamine biosynthesis enzymes  | 9.55                  |
| 4.    | ICMR - RA          | 2022   | 2024 | Three-dimensional structure determination of Bacterial DNA Adenine Methyltransferase from <i>Acinetobacter baumannii</i> to be used as drug targets for designing antibiotics                     | 13.20                 |
| 5.    | ICMR - RA          | 2022   | 2024 | Structural and Functional Insights of Vancomycin Resistant Protein VanR from <i>Enterococcus faecium</i> using In vitro and in silico Approach  | 13.20                 |
| 6.    | UGC Kothari Fellow | 2022   | 2024 | Investigation of potential inhibitors for alpha linolenic acid (ALA) metabolism in the human malaria parasite   | 20.96                 |
| 7.    | ICMR - SRF         | 2020   | 2022 | Experimental and Computational studies on Proteins involved in Peptidoglycan biosynthesis pathway from <i>Wolbachia</i> Endosymbiont of <i>Brugia malayi</i>                                      | 9.47                  |
| 8.    | ICMR - SRF         | 2019   | 2021 | Structural insights mechanism of type II diabetes proteins from <i>homo sapiens</i> to identify potential inhibitors computational and biochemical studies  | 8.80                  |
| 9.    | ICMR - SRF         | 2018   | 2020 | Structural and functional elucidation and inhibitors identification for SMATase from <i>Serratia marcescens</i> to overcome antibiotic resistance   | 8.97                  |
| 10.   | UGC - OBC          | 2016   | 2021 | Transcriptional Regulation by p21-Activating kinase-1 with an Agonist RUNX3 and Antagonist peptides modulating Pancreatic Cancer: A Structural and Computational approach                         | 19.06                 |
| 11.   | UGC - MANF         | 2014   | 2019 | Structural and functional studies on Transcriptional regulatory proteins from <i>Thermus thermophilus</i> HB8 and <i>Pyrococcus horikoshii</i> OT3 - <i>In silico</i> and <i>in vitro</i> studies | 18.16                 |

**Schemes Received for the Department: (Total Fund Received: 816.00 Lakhs)**

| S. No | Agency     | Period |      | Scheme/Research Support   | Budget (Rs. In lakhs)                              |
|-------|------------|--------|------|---|--|
|       |            | From   | To   |   |  |
| 1.    | <b>DST</b> | 2018   | -*   | DST-FIST (Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions) Level – I | 62.00  |
| 2.    | <b>DST</b> | 2017   | -*   | DST-PURSE Programme (Phase 2)<br>All Science Departments (Co-ordinator)   | 700.00   |
| 3.    | <b>UGC</b> | 2013   | 2018 | UGC Innovative Programme – PG Diploma in Structural Pharmacogenomics (Post M.Sc. – One year Course)                 | 54 + 2 Assistants<br>Professor Salary<br>for 5 yrs |

**Consultancy Projects:**

| S. No | Agency                         | Period |    | Project Title                                     | Budget (Rs. In lakhs)   |
|-------|--------------------------------|--------|----|---|---|
|       |                                | From   | To |   |   |
| 1.    | <b>Schrödinger, USA</b>        | 2011   | -* | Computer Aided Drug Design                        | Collaboration and Skill Training for Research Scholars and Students |
| 2.    | <b>University/ Institution</b> | 2012   | -* | Computer Aided Drug Design                        | 1.70  |
| 3.    | <b>GE Health care</b>          | 2012   | -* | Protein Purification and Downstream Bioprocessing | Collaboration and skill training for Research Scholars and Students |

**Distinctive Achievements / Awards**

| Year | Award  | Awarded by               |
|------|--|--------------------------|
| 2023 | Outstanding Academic and Researcher Award  | Alagappa University      |
| 2022 | Outstanding Researcher Award   | Alagappa University      |
| 2020 | Tamilnadu Scientist Award (TANSA) by Tamil Nadu State Council for Science and Technology | Government of Tamil Nadu |
| 2019 | MHRD – LEAP award by NIT- Trichy & NTU-Singapore   | Government of India      |
| 2016 | UGC Research Award, UGC, New Delhi   | Government of India      |



|      |  |                     |
|------|--|---------------------|
| 2015 | Fellow of Academy of Sciences                  | Tamil Nadu          |
| 2007 | Who's Who Scientific Directory                 | Marquis, USA        |
| 1999 | IUCr Young Scientist                           | UK                  |
| 1999 | Young Scientist Travel Award by DST and UNESCO | UK                  |
| 1997 | CSIR SRF-JRF                                   | Government of India |

### Events Organized and Fund Generated from Various Funding Agency

Number of Seminars / Conferences / Workshops / Events organized: 22

| <b>International</b> |   |   |   |
|----------------------|---|---|---|
| <b>Position</b>      | <b>Programme</b>  | <b>Duration</b>                                 | <b>Institution</b>                      |
| Convenor             | International Conference on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (ICSBCADD'2022)                       | Nov. 21 <sup>st</sup> - 25 <sup>th</sup> , 2022 | Alagappa University, Tamil Nadu, India. |
| Convenor             | International Conference on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (ICSBCADD'2019)                       | Dec. 11 <sup>th</sup> - 13 <sup>th</sup> , 2019 | Alagappa University, Tamil Nadu, India. |
| Convenor             | International Conference on Innovative and Emerging Trends in Botany (ICIETB-2019)  | Nov. 6 <sup>th</sup> -7 <sup>th</sup> , 2019,   | Alagappa University, Tamil Nadu, India. |
| Co-Convenor          | International Conference on Recent Trends in Biosciences-2016 (ICRTB-2016)  | Apr. 07 <sup>th</sup> - 09 <sup>th</sup> , 2016 | Alagappa University, Tamil Nadu, India. |
| <b>National</b>      |   |   |   |
| Convenor             | 11 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2019) | Feb. 12 <sup>th</sup> - 15 <sup>th</sup> , 2019 | Alagappa University, Tamil Nadu, India. |
| Organizing Secretary | 10 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2018) | Feb. 20 <sup>th</sup> - 23 <sup>rd</sup> , 2018 | Alagappa University, Tamil Nadu, India. |
| Convenor             | 9 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug                       | Feb. 14 <sup>th</sup> - 17 <sup>th</sup> , 2017 | Alagappa University,                    |

|                      |  |  |   |
|----------------------|--|--|---|
|                      | Design (SBCADD'2017)   |  | Tamil Nadu, India.                      |
| Convenor             | 8 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2016) | Feb. 16 <sup>th</sup> -19 <sup>th</sup> , 2016 | Alagappa University, Tamil Nadu, India. |
| Organizing Secretary | 7 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2015) | Feb. 24 <sup>th</sup> -27 <sup>th</sup> , 2015 | Alagappa University, Tamil Nadu, India. |
| Convenor             | 6 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2014) | Feb. 18 <sup>th</sup> -21 <sup>st</sup> , 2014 | Alagappa University, Tamil Nadu, India. |
| Convenor             | 5 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2013) | Feb. 19 <sup>th</sup> -22 <sup>nd</sup> , 2013 | Alagappa University, Tamil Nadu, India. |
| Convenor             | 4 <sup>th</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2012) | Feb. 20 <sup>th</sup> -23 <sup>rd</sup> , 2012 | Alagappa University, Tamil Nadu, India. |
| Convenor             | National Youth day   | Jan. 12 <sup>th</sup> , 2012                   | Alagappa University, Tamil Nadu, India. |
| Organizing Secretary | 3 <sup>rd</sup> National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD'2010) | Dec. 20 <sup>th</sup> -22 <sup>nd</sup> , 2010 | Alagappa University, Tamil Nadu, India. |

## Events Participated

Number of Conferences / Seminars / Workshops: 253

## Overseas Exposure / Visits

|  |  |
|--|--|
| 29 <sup>th</sup> - 31 <sup>st</sup> January, 2019  | Binary University of Management and Entrepreneurship, Malaysia |
| 8 <sup>th</sup> - 10 <sup>th</sup> April, 2019     | Tianjin University, China                                      |
| 11 <sup>th</sup> -12 <sup>th</sup> April, 2019     | Nanyang Technological University, Singapore                    |
| 05 <sup>th</sup> - 09 <sup>th</sup> December, 2017 | National Synchrotron Radiation Research Centre, Taiwan         |

|   |   |
|---|---|
| 22 <sup>nd</sup> - 30 <sup>th</sup> June, 2014      | Osaka University and RIKEN SPring-8, Japan  |
| 02 <sup>nd</sup> - 08 <sup>th</sup> December, 2012  |   |
| 09 <sup>th</sup> - 16 <sup>th</sup> December, 2011  |   |
| 22 <sup>nd</sup> March - 30 <sup>th</sup> May, 2010 |   |
| Visited Country                                     | USA, UK, Australia, Japan, Italy, China, Korea, Singapore, Taiwan, Hawaii, and Malaysia |

## Membership

### Professional Bodies

| S.No | Position                        | Professional Bodies                                  | Country |
|------|---------------------------------|--|---------|
| 1.   | Member                          | American Crystallographic Association                | USA     |
| 2.   | Vice-President &<br>Life Member | Bioinformatics and Drug Discovery Society<br>(BIDDS) | India   |
| 3.   | Member                          | British Crystallographic Association                 | UK      |
| 4.   | Life Member                     | Indian Crystallographic Association                  | India   |
| 5.   | Life Member                     | Indian Science Congress Association                  | India   |
| 6.   | Life Member                     | Chemical Research Society of India                   | India   |
| 7.   | Life Member                     | Society of Biological Chemists                       | India   |
| 8.   | Life Member                     | Biotech Research Society                             | India   |
| 9.   | Member                          | World Directory of Crystallographers                 | UK      |

### Academic Bodies in Other Institutes/ Universities

| Year / Period | Name of the BoS / Administrative Committee / Academic Committee   | Role                          |
|---------------|---|-------------------------------|
| 2022 -*       | Karpagam Academy of Higher Education, Coimbatore  | Distinguished Adjunct Faculty |
| 2022 -*       | Board of Studies in Department of Bioinformatics, Bishop Heber College, Bharathidasan University, Trichy. | Member                        |
| 2022 -*       | Board of Studies in Department of Bioinformatics, Bharathidasan University, Trichy.                       | Member                        |

|                     |  |        |
|---------------------|--|--------|
| 2022 -*             | Board of Studies in Department of Bioinformatics, University of Madras.  | Member |
| 2020 - *            | Board of Studies in Department of Bioinformatics, School of Chemical and Biotechnology, SASTRA Deemed University, Thanjavur. | Member |
| 2019 - *            | Research Advisory Committee, Karpagam Academy of Higher Education, Coimbatore  | Member |
| 2018 - *            | Board of Studies in Bioinformatics, Bharathiar University, Coimbatore.   | Member |
| 2019 - 2021         | Local Program Planning & Management Committee (LPPMC), Bharathiar University, Coimbatore                                     | Member |
| 2019<br>(Mar - Nov) | Board of Studies of Botany, Alagappa University.   | Member |
| 2018 - 2021         | Research Committee, Bharathidasan University, Trichy   | Member |
| 2018 - 2021         | Board of Studies in Environmental Biotechnology, Bharathidasan University, Trichy.   | Member |
| 2017 - 2019         | Academic Council, Thassim Beevi Abdul Kader College for Women, Ramanathapuram  | Member |
| 2015 - 2018         | Standing Committee on Academic Affairs, Bharathidasan University, Trichy.  | Member |
| 2015 - 2020         | SAP implementation and governance of in Department of Physics, Punjab University, Chandigarh                                 | Member |
| 2015 - 2018         | Board of Studies in Bioinformatics and Information Technology, Thiruvalluvar University, Vellore.                            | Member |
| 2015 - 2018         | Board of Studies in Bioinformatics (UG, PG & PG Diploma), Bharathidasan University, Trichy.                                  | Member |
| 2015 - 2017         | Board of Studies in Bioinformatics, Bharathiar University, Coimbatore.   | Member |
| 2014 - 2017         | Board of Studies in Faculty of Bio and Chemical Engineering, Sathyabama University, Chennai.                                 | Member |
| 2013 - 2016         | Board of Studies of Bioinformatics (Bharathidasan University), Holy Cross College, Trichy.                                   | Member |
| 2012 - 2015         | Board of Studies of Bioinformatics, Periyar University, Salem.   | Member |
| 2012 - 2015         | Board of Studies of Physics, V.H.N.S.N. College, Virudhunagar.   | Member |

### Ph.D. Thesis Evaluated / Viva Voce Conducted

1. No. of PhD Thesis evaluated : 50
2. No. of PhD Public Viva Voce Examination : 32  
conducted

**List of Research Articles / Recent Publications (Total Number of Publications: 209)**

| S.No | Author Details and Title of Paper   | Impact Factor |
|------|---|---------------|
| 1.   | Malaisamy, V., Alagesan, K., Nagarajan, H., Jayaraman, M., Vetrivel, U., & <b>Jeyaraman, J.</b> (2024). Biochemical and biophysical characterization of biosynthetic arginine decarboxylase from <i>Thermus thermophilus</i> . Journal of biomolecular structure & dynamics, 1–18.  | 4.4           |
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### Resource Persons in Various Capacities

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| National Conferences      | : | 55 |
| International Conferences | : | 30 |
| Invited Lectures          | : | 32 |

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