



**A.V.V.M. SRI PUSHPAM COLLEGE
(AUTONOMOUS),
POONDI – 613503, THANJAVUR – DT.
STAFF PROFILE as on April 2021**



1. Name of the Staff : **Dr. S. GANESAN**
 2. Designation : **ASSISTANT PROFESSOR**
 3. Academic Qualification : **M.Sc., M.Phil., Ph.D.,**

| Course | UG | PG | M.PHIL. | PhD. |
|----------------------|---|--|---|-----------------------------------|
| Year | 2004 | 2006 | 2007 | 2013 |
| College & University | The American College, (Autonomous), Madurai Madurai Kamaraj University | Thiagarajar College, (Autonomous), Madurai Madurai Kamaraj University | The Presidency College, (Autonomous), Chennai University of Madras | Bharathiar University, Coimbatore |

4. Date of Birth & Age : 30.04.1983 - 37 years
5. Date of Appointment : Self – Financed :

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6. Total Service : -
7. Teaching Experience in completed years : UG

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8. Residential Address : No 18 North part, SAS Nagar, Pookollai, Madhakottai road, Rajah Sefoji Govt. College post, Thanjavur 613 005.
 Mobile Number : 9942282030
 E-Mail Address : ganesanmolbio@gmail.com
9. No. of Orientation / Refresher Courses and Training Programmes attended : 3 (Annexure – I)
10. Whether FDP availed, if yes, furnish details : Nil
11. No. of Seminars attended : 21 (Annexure – II)
12. No. of Papers Presented : 69 (Annexure – III)
13. No. of Papers Published : 50 (Annexure – IV)
14. No. of Books Published : 7 (Annexure – V)
15. No. of Guest Lectures delivered in other institutions : 22 (Annexure – VI)
16. No. of Research Projects undertaken : Minor Nil Major Nil (Specify) Others Nil (Annexure – VII)
17. No. of Seminars organised : 2 (Annexure – VIII)
18. No. of M.Phil. Scholars Guided : Completed 4 Ongoing 1 (Annexure – IX)
19. No. of PhD Scholars Guided : Awarded 6 Ongoing 2 (Annexure – X)
20. Participation in Academic Research Bodies in other institutions : 13 (Annexure – XI)
21. Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching : 6 (Annexure – XII)
22. Service rendered in Professional bodies outside the College : 5 (Annexure – XIII)
23. Honours/ Awards received : 12 (Annexure – XIV)

Signature of the Staff

Note: Evidence should be produced at the time of verification of the Profile.

ANNEXURE – I

DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:

| SL. NO. | COURSE | UNIVERSITY | PERIOD | TITLE |
|---------|-------------------------------|---|--------------------------|---------------------------|
| 1. | Special orientation programme | A. V. V. M. Sri Pushpam College. Poondi | 06.04.2015 to 18.04.2015 | |
| 2. | Orientation Programme | UGC-HRDC Bharathiyar University – Coimbatore | 06.05.2015 to 02.06.2015 | |
| 3. | Refresher Course | UGC-HRDC Bangalore University, Bangalore | 19.02.2018 to 10.03.2018 | Zoology and Biotechnology |

ANNEXURE – II

SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC ATTENDED

| Sl. No | Name of the Seminars, Conferences, Symposia, Workshop, etc | Name of the sponsoring agency | Place | Date |
|--------|--|--------------------------------------|--|--|
| 1. | National Workshop on Creating Insight on Poly Cystic Ovarian Disease & Smart Health Management Among Young Women | ICMR | Bon Secours College for Women, Thanjavur | 25 th September 2017 |
| 2. | <i>National seminar on Bioremediation of Hydrocarbon polluted soil and workshop on Vermicomposting</i> | Idhaya College for Women, Kumbakonam | Idhaya College for Women, Kumbakonam | 18 th September 2017 |
| 3. | <i>National training programme on Biodiversity of Marine Molluscs (BOMM-2014)</i> | Annamalai University | Annamalai University | 13 th & 14 th March 2014 |
| 4. | <i>9th Indian Fisheries Forum</i> | CMFRI | CMFRI, Chennai | 19 th -23 rd December 2011 |

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| 5. | <i>Cell Biology Techniques</i> | LONZA | Bangalore | 25 th April 2011 |
| 6. | <i>xSAMPLES</i> ” 2011 | Luminex | TICEL PARK, Chennai | 10 th Feb’2011 |
| 7. | The third conference of Society for Toxicologic Pathology in India " <i>Continuing Education in toxicologic Pathology- Reproductive System</i> " | Society for Toxicologic Pathology in India | Bangalore | 29 th -31 st October 2010 |
| 8. | <i>Techniques in Genomics of Type 2 Diabetics</i> | ICMR-MDRF | MDRF, Chennai | 18 th – 23 rd Feb, 2010 |
| 9. | DARWIN-200: The Bicentennial birth anniversary celebration of Charles Darwin " <i>Darwinism - the other facets of life</i> " | University of Madras & TNSCFST | Chennai | 20 th Jan 2010 |
| 10. | Seminar cum Workshop on " <i>Wound Healing Assay</i> " using the new ECIS technology | Invitrogen | TICEL Bio-Park, Chennai | 22 nd Sep 2009 |
| 11. | State level Workshop on " <i>Nono quantification of Biomolecules using NanoVue</i> " | Hindustan College of Arts & Science | Hindustan College of Arts & Science, Chennai | 27 th & 28 th August 2009 |
| 12. | <i>Techniques in Genomics in Relation to Diabetics & Related Disorders</i> " | ICMR-MDRF | MDRF, Chennai | 3 rd – 9 th Jan (2009) |
| 13. | Seminar on " <i>Cell Biology</i> " | LONZA | Bangalore | 19 th Nov 2008 |
| 14. | Hands-on workshop on " <i>Confocal Microscopy</i> " (Slit Disc Scanning Unit) | Olympus | IIT Madras | 4 th Feb 2009 |

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| 15. | <i>National Seminar on Prevention of Non-Communicable Diseases</i> | National Institutes of Health, USA and Madras Diabetes Research Foundation (MDRF) | MDRF, Chennai | 12 th Feb 2008 |
| 16. | National Symposium on “Recent Trends in Insect Pest Management” | ERI | ERI - Loyola College, Chennai | 1 st & 2 nd Feb 2007 |
| 17. | <i>National Science Day Celebration</i> | Thiagarajar College | Thiagarajar College, Madurai | 28 th Feb & 1 st March 2006 |
| 18. | Workshop on “IPR and Patent Awareness” | ANJAC | Ayya Nadar Janaki Ammal College (ANJAC), Sivakasi | 16 th September, 2004 |
| 19. | <i>Genetic Engineering & Plant Tissue Culture and Animal Cell Culture</i> ” - The American College (2004) at Madurai | The American College | The American College, Madurai | 2004 |
| 20 | <i>Clinical Laboratory Technology (CLT)</i> ” | The American College | The American College, Madurai | 2003-3004 |
| 21. | The training program of “ <i>Domestic Preservation of Fruits and Vegetables Nutrition</i> ” | Department of women and child development, Food & Nutrition Board (Ministry of HRD) | Madurai | 2002 |

ANNEXURE – III

PAPERS PRESENTED IN SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC

| Sl. No | Title of the Paper | Level (State / National / International) | Sponsoring Agency and Name of the Institution | Date |
|--------|--|---|---|---|
| 1 | Phytochemical screening and GC-MS analysis of bioactive compounds present in ethanolic leaves extract of <i>Taraxacum officinale</i> (L). | National Conference | A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur. | 30 th – 31 st January 2020 |
| 2 | Anti-hyperglycemic activity of <i>Costus spicatus</i> rhizome in chloroform extract in Streptozotocin induced diabetic albino wistar rats. | International Conference | DBT, DST Sponsored -Thiruvalluvar University, Vellore. | 26 th – 28 th February 2020 |
| 3 | Antidiabetic activity of <i>Aloe vera</i> cytotoxicity, antiadipogenic and glucose uptake activity of Mouse 3T3L1 cell line | International conference | DBT sponsored - Bishop Heber College (Autonomous), Tiruchirappalli. | 19 th February 2020 |
| 4 | Pharmacological effect of <i>Costus spicatus</i> rhizome ethanolic extract in Streptozotocin induced diabetic albino wistar rats. | International conference | Jamal Mohamed College, Tiruchirappalli. | 30 th January 2020 |
| 5 | National Conference on Innovation in Life Sciences for sustainable Environment (ILSE) | National conference | CHRIST University, Bangalore. | 20 and 21 February 2019 |
| 6 | Imposing oxidative stress in 3t3 L1 adipocytes and molecular dissection of senescence and insulin resistance mechanism. | National conference | DBT sponsored - Bharathiar University, Coimbatore | 07-08 February 2019 |
| 7 | HPLC analysis of rhizome extract of plant <i>Costus spicatus</i> | International Conference | Jamal Mohamed College, Tiruchirappalli | 25 th January 2019 |
| 8 | Antidiabetic effect of ethanol extract of <i>Costus spicatus</i> Jacq. in rhizome extract in Streptozotocin induced Diabetic Rats – Pancreas histological study. | International Conference | P. M. T. College, Melaneelithanallur | 9 th January, 2019 |
| 9 | Pollution exposure elicited p53-mediated aerophilous stress and polymer injury in blood cells of | National Conference | CHRIST University, Bangalore. | 27-28 July 2018 |

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| | genus <i>Tilapia</i> sp Oxidative. | | | |
| 10. | Hepatoprotective and antidiabetic effect of <i>Costus spicatus</i> Rhizome extract in normal and streptozotocin-induced diabetic rats – a histological study | International Conference | Alagappa University, Karaikudi | 11-12, 2018 |
| 11 | Identification of Chromosomal abnormalities in Colorectal cancer patients of Thanjavur population | National Conference | UGC, Department of Botany and Microbiology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17-18 th October 2017 |
| 12 | Modulation of MDR1, MRP1, LRP and BCRP expression using management in ADRIAMYCIN-treated HepG2 cells in <i>In vitro</i> | National Conference | UGC, Department of Botany and Microbiology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17-18 th October 2017 |
| 13 | Antidiabetic and antioxidant properties of <i>Costus spicatus</i> rhizomes ethanol extract in Streptozotocin-Induced Diabetic Rats | National Conference | UGC, Department of Botany and Microbiology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17-18 th October 2017 |
| 14 | Identification of Chromosomal abnormalities in Hepatocellular carcinoma patients of Thanjavur population | National Conference | UGC, Department of Botany and Microbiology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17-18 th October 2017 |
| 15 | Anti-proliferative, cytotoxic and apoptotic activity of EpCAM targeted therapy on HepG2 cell line | National Conference | UGC, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17-18 th October 2017 |

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| 16 | Lack of antidiabetic activity of the rhizomes methanol extract of <i>Costus spicatus</i> in albino rats | National Conference | ISCA, Coimbatore chapter held at Kongunadu Arts and Science College, Coimbatore | 9 th -11 th October 2017 |
| 17 | Plant Tissue Cultures as Sources of Bioactive Compound Production in Important Medicinal Plants | National Conference | NMPB, Faculty of Biomedical Sciences, Uttarakhand Ayurved University, Dehradun | 15 th & 16 th September 2017 |
| 18 | GC-MS analysis of bioactive components from the Ethanolic leaf extracts of <i>Costus spicatus</i> | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 19 | Improving the efficacy of the anti-cancer drug by inhibiting the ABC transporter proteins using ABC inhibitors in breast And liver cancer cells | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 20 | Evaluation of accelerated cellular senescence in Mesenchymal stem cells isolated from human bone Marrow, adipose tissue, umbilical cord blood and Wharton's jelly | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 21 | Hypoglycemic and antihyperlipidemic potentiality of <i>Astercanthalongifolia</i> (L.) Nees against streptozotocin (stz) Induced diabetics in rats | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 22 | Green synthesis of silver nanoparticles from ethanolic Seed extract of <i>acranythes Aspera</i> (Linn.) And its anti-inflammatory Activities | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |

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| 23 | 3D Models In Cancer Research And Drug Discovery | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 24 | Identification of chromosomal abnormalities in Colorectal cancer patients of Coimbatore population | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 25 | Identification of chromosomal abnormalities in Hepatocellular carcinoma patients of Coimbatore | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 26 | Anti-proliferative, cytotoxic and apoptotic activity of EpCAM targeted therapy on hepatocellular carcinoma | International Conference | DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 22 nd -24 th August 2017 |
| 27 | Selective Inhibition Of Cancer Stem Cells In Liver Cancer | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 28 | Increasing the efficacy of doxorubicin in breast cancer Cells using nelfinavir by targeting multidrug resistance Mechanisms | National Conference | UGC- A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 29 | Screening of phytochemicals and anticancer activity of <i>Annona squamosa</i> . Extracts | National Conference | UGC- Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |

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| 30 | Identification of chromosomal abnormalities in Colorectal cancer patients of Coimbatore population | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 31 | Identification of chromosomal abnormalities in Hepatocellular carcinoma patients of Coimbatore Population | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 32 | Resveratrol prevents oxidative stress-induced Senescence by activating the p53 signalling pathway in Cultured mouse pre-adipocytes (3t3 11) cell line | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 33 | Oxidative Stress Role In Diabetes | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 34 | Genotoxic effect and oxidative stress biomarkers in <i>Oreochromis mossambicus</i> exposed to chromium VI | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 35 | Evaluation of anti-diabetic effects of <i>costus spicatus</i> Leaves extracts in streptozotocin-induced diabetes in Albino Rats | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |

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| 36 | Evaluation of DNA damage of the <i>Oreochromis mossambicus</i> Exposed to textile dyeing effluent using comet assay | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 37 | Isolation, identification and characterization of novel Bioactive molecules through HPLC, LCMS and NMR | National Conference | UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 17 th & 18 th August 2017 |
| 38 | Evaluation of Chemotherapeutic Potential of Natural Extracts Using 3D Models of Liver, Breast and Colon Cancers | National Conference | DST-SERB - Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 22 nd & 23 rd January 2016 |
| 39 | Inhibition of ABC transporters protein in Breast and Liver Cells using ABC Inhibitors to improve the response of Anticancer Drugs | National Conference | DST-SERB - Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 22 nd & 23 rd January 2016 |
| 40 | Selective Inhibition of Cancer Stem cells in Liver Cancers using 3D Spheroid model | National Conference | DST-SERB - Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 22 nd & 23 rd January 2016 |
| 41 | Oxidative Stress in Diabetes | National Conference | DST-SERB - A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 22 nd & 23 rd January 2016 |

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| 42 | Identification of Genetic Alterations In Hepatocellular Carcinoma Patients | National Conference | DST-SERB - Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 22 nd & 23 rd January 2016 |
| 43 | Molecular Screening of Novel Marker Chromosome and Mutational analysis of Colorectal Cancer | National Conference | DST-SERB - Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur | 22 nd & 23 rd January 2016 |
| 44 | Evaluation of Chemotherapeutic Potential of Natural Extracts Using 3D Models of Liver, Breast And Colon Cancers | National Conference | TNSCST - Department of Biochemistry, Bharathidasan University Constituent College for Women, Orathanadu | 31 st July & 1 st August 2015 |
| 45 | Evaluation of Therapeutic Effect of Epigallocatechin-3-Gallate on HepG2 Cell Line | National Conference | TNSCST - Department of Biochemistry, Bharathidasan University Constituent College for Women, Orathanadu | 31 st July & 1 st August 2015 |
| 46 | Oxidative stress in <i>Oreochromis mossambicus</i> as a biomarker of exposure to environmental pollution | National Conference | DST, UGC, DBT - Bharathidasan University, Trichy | 20 th & 21 st March 2014 |
| 47 | <i>Association among short telomeres, mitochondrial DNA depletion and hypoadiponectinemia in patients with Type 2 diabetes</i> | International Diabetes Federation | IDF – Belgium | 6 th Dec 2011 |
| 48 | <i>Novel Link between Oxidative Stress-induced Accelerated Senescence and Insulin in Resistance in Adipocytes</i> | International conference | new Frontiers in Diabetes Research, AP | August 2010 |

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| 49 | <i>Assessment of environmental stress by Comet assay for evaluation of Genotoxic impact in Channa punctatus from polluted water of Chrompet Lake, Chennai, India</i> | National Conference | National Environmental Science Academy: Global Warming and Human Health, New Delhi | 27 th -29 th December 2010 |
| 50 | <i>Ultramorphological and Histopathological studies in liver and Kidney of Tilapia mossambicus collected from Chrompet Lake, Chennai, India</i> | National Conference | National Environmental Science Academy: Global Warming and Human Health, New Delhi | 27 th -29 th December 2010 |
| 51 | <i>Evaluation of Ennore Creek waters using the Comet assay in Therapon jarbua</i> | National Conference | National Environmental Science Academy: Global Warming and Human Health, New Delhi | 27 th -29 th December 2010 |
| 52 | <i>Pollution exposure induces p53-mediated oxidative stress, DNA damage and antioxidant enzyme gene expression in tilapia (Oreochromis mossambicus) blood cells</i> | National Conference | UGC - Annamalai University, Annamalainagar | 11 th & 12 th March, |
| 53 | <i>Antioxidant enzymes in Tilapia (Oreochromis mossambicus) as Biochemical indicators of aquatic pollution from Chrompet Lake at Chennai, India</i> | National Conference | UGC - Annamalai University, Annamalainagar | 11 th and 12 th March, |
| 54 | <i>Heavy metal distribution and accumulation in the river pallor at Vellore DT, Tamil Nadu</i> | National Conference | UGC - Annamalai University, Annamalainagar | 11 th and 12 th March, |
| 55 | <i>Water quality studies with reference to microbial contamination in the river pillar at Vellore DT, Tamil Nadu</i> | National Conference | UGC - Annamalai University, Annamalainagar | 11 th and 12 th March, |

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| 56 | <i>Studies on the growth and survival of Marsupenaeus japonicus (Bate, 1888) Zoea larva fed with different microalgae such as – Chaetoceros sp and Skeletonema sp</i> | National Conference | UGC - Annamalai University, Annamalainagar | 11 th and 12 th March, |
| 57 | <i>GLUT4 protein expression in muscles of Channa clarias and Channa batrachians collected from Coovam River at Chennai, India</i> | National Conference | UGC - Annamalai University, Annamalainagar | 11 th and 12 th March, |
| 58 | <i>Ultramorphological and Histopathological studies of Gill alteration in Tilapia (Oreochromis mossambicus) from polluted Chrompet Lake, Chennai, India</i> | International Conference | Hindustan University, Chennai | 30 th & 31 st August 2010 |
| 59 | <i>A novel link between Oxidative Stress-Induced senescence and Insulin resistance in Adipocytes</i> | International Conference | “New Frontiers in Diabetes Research” Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh | 13 th & 14 th August 2010 |
| 60 | <i>Physiological regulation of glucose transporter (GLUT4) protein content in Tilapia (Oreochromis mossambicus) skeletal muscle</i> | National Seminar | Department of Zoology, Annamalai University, Annamalai Nagar | 22 nd & 23 rd , January – 2010 |
| 61 | <i>Cytotoxicity of the Plant extracts – common Milkweed Calotropis gigantean</i> | National Seminar | Department of Zoology, Annamalai University, Annamalai Nagar | 22 nd & 23 rd , January – 2010 |
| 62 | <i>Adiponectin and Carotid Intimal Medial Thickness in subjects with and without Glucose Intolerance</i> | National Seminar | 37 th National Meeting of the Research Society for the study of the Diabetes in India | 2009 |
| 63 | <i>Metabolic memory- benefits of early glycemic control by Insulin on hyperalgesia in diabetic rats</i> | National | 98 th Indian science Congress 2011, Chennai | Jan 3-7, 2011 |

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| 64 | <i>MyoD</i> protein expression in muscles and single cell gel electrophoresis (Comet) assay in liver cells of <i>Tilapia mossambicu"s</i> " - Greenomics | International Conference | Hindustan University, Chennai | 30 th &31 st August 2010 |
| 65 | The Comet assay for evaluation of genotoxic impact in <i>Oreochromis mossambicus</i> from polluted water of Korattur Lake, Chennai, India | International Conference | Hindustan University, Chennai | 30 th &31 st August 2010 |
| 66 | Elevated retinal Binding Protein-4 (RBP-4), A Novel Adipokine Biomarker in Insulin Resistance and Type 2 Diabetes | 2 nd Indian Youth Science Congress | SRM University, Chennai | June 26-28, 2010 |
| 67 | Barley frost resistance Gene (COR14-33b) analysis and simulation by Bioinformatics tools | National Conference | DBT-BIF Centre for Bioinformatics, University of Kerala, Keralam | January 11 th to 13 th 2010 |
| 68 | Bioinformatically Designed <i>E.coli</i> Plasmid Vector for Bioremediation of Organophosphate | National Conference | DBT-BIF Centre for Bioinformatics, University of Kerala, Keralam | January 11 th to 13 th 2010 |
| 69 | Physicochemical and Microbiological water quality of Chrompet Lake in Chennai, India | International Colloquium | Alagappa University, Karaikudi | 2009 |

ANNEXURE – IV

RESEARCH PAPERS PUBLISHED:

| Sl. No. | Title of the Paper | JOURNAL | | | Page Number |
|---------|---|---|--------|-----------------------------|-------------|
| | | Name | Volume | Year / Month of Publication | |
| 1 | Serum Lipid Profile and <i>In vivo</i> antidiabetic activity of medicinal plant <i>Costus spicatus</i> in diabetic albino | International Journal of Botany Studies (WOS) | 6 (3) | April 2021 | 20-25 |

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| | Wistar rats | | | | |
| 2 | <i>In vivo</i> assay methods to study the Anti-diabetic activity of ethanolic extract of flower of <i>Costus spicatus</i> in diabetic albino Wistar rats | International Journal of Botany Studies (WOS) | 6 (3) | April 2021 | 120-124 |
| 3 | Medicinal and Healthcare effective therapeutic and Covid-19 role of herbal medicine in the treatment. | Advances in Bioresearch (WOS) | | March 2021 | Accepted (In press) |
| 4 | People Preferences in Selection of Hospital During Covid-19 Impact on Personal Life Review. | International Journal of Engineering Research & Technology | 9, Issue 5 | 2021 | 268-272 |
| 5 | Evaluation of <i>in vivo</i> anti-diabetic activity of ethanolic extract of flower of <i>Costus Spicatus</i> (Costaceae) | Journal of the Asiatic Society of Bengal. | Vol. LXIII, No. I (II) | 2021 | 61-67 |
| 6 | Phytochemicals analysis of anti-diabetic effect of <i>Costus spicatus</i> in Streptozotocin induced diabetic albino wistar male rats. | European Journal of Research Development and Sustainability (EJRDS) | Vol. 2 No. 2, February | 2021 | 1-8 |
| 7 | <i>In vitro</i> antioxidant and anticancer activity of <i>Pila virens</i> extracts on 549 Human lung cancer cell line. | Waffen-Und Kostumkunde Journal | Vol XI | 2019 | 379-397 |
| 8 | Different bioactive constituents and biochemical composition of Brown seaweed <i>Spatoglossum marginatum</i> . | Waffen-Und Kostumkunde Journal | Vol XI | 2019 | 349-356 |
| 9 | COVID-19 therapeutic and prevention aminoquinolines against coronavirus disease (COVID-19): chloroquine or hydroxychloroquine review. | The International Journal of Indian Psychology | 8 (3) | 2020 | 563-569 |
| 10 | Impact of nutritional interventions on corona virus | World Journal of Pharmaceutical | 6 | 2020 | 76-80 |

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| | infection – review article. | and Life Sciences | | | |
| 11 | A study on phytochemicals screening of physic-chemical parameters and fluorescence analysis of Insulin medicinal plants <i>Costus spicatus</i> JACQ. | Journal of Drug Delivery & Therapeutics | 9 (4-s) | 2020 | 478-482 |
| 12 | Anti-diabetic effect of ethanol extract of <i>Costus spicatus</i> JACQ. in rhizome in Streptozotocin induced diabetic Rats – Histological study. | Journal of Drug Delivery & Therapeutics | 9 (4-s) | 2019 | 483-487 |
| 13 | A study on establishment of Phytochemical analysis of quality parameters and Fluorescence analysis of <i>Costus spicatus</i> – rhizome extract medicinal plants a well known Tropical folklore medicine. | Journal of Drug Delivery & Therapeutics | 9 (1) | 2019 | 240-243 |
| 14 | Phytochemical and GC-MS analysis of bioactive compounds present in ethanolic leaves extract of <i>Taraxacum officinale</i> (L). | Journal of Drug Delivery & Therapeutics | 9(1) | 2019 | 90-94 |
| 15 | Phytochemical screening and GC-MS analysis of bioactive compound present in ethanolic leaves extract of <i>Silybum marianum</i> . | Journal of Drug Delivery & Therapeutics | 9(1) | 2019 | 85-89 |
| 16 | Biochemical characterization and 16s rRNA sequencing of different bacteria from textile dye effluents | Journal of Drug Delivery & Therapeutics | 8(6) | 2018 | 35-40 |
| 17 | Anti-CSC combination therapy using Wnt signalling targeted drug | Journal of Drug Delivery & Therapeutics | 8(5-s) | 2018 | 139-142. |
| 18 | Identification and genetic characterization of <i>Serratia liquefaciens</i> isolated from textile effluents | Journal of Pharmacognosy and Phytochemistry | 7(5) | 2018 | 868-872 |

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|----|---|--|-------|------|---------|
| 19 | Enzyme activity and genetical characterization of <i>Bacillus amyloliquefaciens</i> from textile effluents | The Pharma Innovation | 7(8) | 2018 | 604-609 |
| 20 | Improving the efficacy of Cyclophosphamide by using Verapamil as a P-Glycoprotein inhibitor in Breast Carcinoma | Journal of Drug Delivery and Therapeutics | 8(5) | 2018 | 349-353 |
| 21 | Understanding the mechanism of drug-resistant and tumour recurrence in liver cancer | Journal of Drug Delivery and Therapeutics | 8(5) | 2018 | 224-229 |
| 22 | Effect of Verapamil on P-Glycoprotein Expression in Breast Cancer | International Journal of Pharmaceutics and Drug analysis | 6 (5) | 2018 | 523-528 |
| 23 | Selected conventional chemotherapy promotes Cancer Stem cells in Liver Cancer | International Journal of Pharmaceutics and Drug analysis | 6 (2) | 2018 | 154-159 |
| 24 | XAV-939 suppress metastasis by inhibiting Breast Cancer Stem cells. | International Journal of Pharmaceutics and Drug analysis | 6 (2) | 2018 | 232-236 |
| 25 | Analysis of Cytogenetic alterations in Patients affected by Hepatocellular Carcinoma in Tamil Nadu population | International Journal of Pharmaceutics and Drug analysis | 6 (2) | 2018 | 143-146 |
| 26 | Cytogenetic screening in Colorectal Cancer patients of Tamil Nadu population. | International Journal of Pharmaceutics and Drug analysis | 6 (2) | 2018 | 122-126 |
| 27 | Analysis of DNA damage levels in <i>Oreochromis mossambicus</i> (Peters, 1852) exposed dye effluent. | International Journal of Pharmaceutics and Drug analysis | 6 (2) | 2018 | 215-218 |

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|----|---|--|---------|------|-------------|
| 28 | Histopathological assessment of the kidney of STZ induced diabetic Rats treated with macerated <i>Costus spicatus</i> Jacq. Rhizome extract. | International Journal of Pharmaceutics and Drug analysis | 6(2) | 2018 | 203-209 |
| 29 | Hepatoprotective and antidiabetic effect of aqueous effects of <i>Costus spicatus</i> JACQ. Rhizome extract in streptozotocin-induced diabetic rats – histological study. | International Journal of Life Sciences | 11 | 2018 | 61-66 |
| 30 | Antidiabetic and hypolipidemic effects of <i>Costus spicatus</i> JACQ. Rhizome extract against streptozotocin-induced diabetic albino rats | World Journal of Pharmaceutical Research | 6 (14) | 2017 | 806-816 |
| 31 | Isolation, Identification And Resistant Characterization Of Dye-Adapted Bacteria From Tirupur Textile Effluent | World Journal Of Pharmacy And Pharmaceutical Sciences | 6 (9) | 2017 | 1111-1125 |
| 32 | EpCAM as a Novel Therapeutic target for Hepatocellular carcinoma. | Journal of Oncological Sciences | - | 2017 | 71-76 |
| 33 | Screening of Genetic Mutations in Early Onset Parkinsonism Patients: A Family-Based Study in Tamil Nadu Population | Int J Hum Genet | 16(3,4) | 2016 | 156-163 |
| 34 | Phytochemical analysis of leaf extracts of plant <i>Costus spicatus</i> by GCMS method. | Journal of Drug Delivery and Therapeutics | 5 (4) | 2015 | 24-26 |
| 35 | Effect of aflatoxin and toxin binders on the serum glucose level of breeding <i>Japanese quails, Coturnix Coturnix japonica</i> . | <i>International journal of current research</i> | 5(1) | 2015 | 3184-3186 |
| 36 | Effect of aflatoxin and toxin binders on the gamma-glutamyl transferase of breeding <i>Japanese quails,</i> | <i>International journal of current research</i> | 7(1) | 2015 | 12267-12269 |

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| | <i>Coturnix Coturnix japonica.</i> | | | | |
| 37 | Studies on the microbial flora in some traditional fermented dairy products. | <i>International journal of current research</i> | 6(4) | 2014 | 6116-6119 |
| 38 | Antidiabetic activity of <i>Ipomoea sepiaria</i> against streptozotocin (STZ) induced diabetic rats. | <i>International journal of current research</i> | 6(5) | 2014 | 6683-6686 |
| 39 | DNA damage response to oxidative stress in tilapia (<i>Oreochromis mossambicus</i>) exposed to polluted water. | <i>Der Pharma Chemica</i> | 6 (2) | 2014 | 83-87 |
| 40 | Physiological and oxidative stress biomarkers in <i>Oreochromis mossambicus</i> exposed to hexavalent chromium. | <i>International Journal of Recent Scientific Research</i> | 5(2) | 2014 | 527-530 |
| 41 | Assessment of environmental stress by comet assay for evaluation of genotoxic impact in <i>Channa punctatus</i> . | Journal of Thulasi | - | 2013 | |
| 42 | Standardization of Clove Oil Concentration for Anaesthetic Effect in <i>Catla catla</i> (Ham.) | Journal of Thulasi | - | 2013 | |
| 43 | Ultramorphological and histopathological studies of Gill alterations in Tilapia (<i>Oreochromis mossambicus</i>) from polluted Chrompet lake, Chennai, India | Asian Journal of Animal Research | 1 (1) | 2013 | - |
| 44 | Circulating levels of insulin-like growth factor binding protein-1 in relation to insulin resistance, type 2 diabetes mellitus, and metabolic syndrome (CURES - 118), | Metabolism: Clinical and Experimental. | 61 | 2012 | 43-46 |
| 45 | Antioxidant enzymes in <i>Oreochromis mossambicus</i> as Biochemical indicators of aquatic pollution from Chrompet lake at Chennai, India | International Journal of Recent Scientific Research. | 2(4) | 2011 | 91-93 |

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| 46 | Pollution exposure induced p53-mediated oxidative stress and DNA damage in blood cells of <i>Tilapia</i> sp | International Journal of Recent Scientific Research. | 2(4) | 2011 | 94-97 |
| 47 | Detection of DNA damage in lymphocytes of <i>Oreochromis mossambicus</i> using Comet assay | Journal of Aquatic Biology | 25(2) | 2010 | 136-140 |
| 48 | Adiponectin and Carotid Medial Thickness in subjects with and without Glucose Intolerance – (CURES- 82) | Diabetes Technology & Therapeutics | 12(2) | 2010 | - |
| 49 | A Baseline Study of Physico-Chemical parameters and some Trace metals in Water of Chrompet Lake, Chennai, India | Journal of Aquatic Biology | 24(2) | 2009 | 131-141 |
| 50 | Biotreatment of Textile Dye Effluent employing Egg Shell Waste | Convergence | 9(1) | 2007 | 1-9 |

ANNEXURE – V

BOOKS PUBLISHED:

| Sl. No. | Name of the Book / Title of the Article/Book/Editor | Publisher | Place and Year of Publication |
|---------|---|--|---|
| 1 | COVID – 19 Clinical features | Xpress Publishing An imprint of Notion Press. | (ISBN: 978-1637811719) 29.12.2020 |
| 2 | Biodiversity role on Agriculture Entomology. | Xpress Publishing An imprint of Notion Press. | (ISBN: 978-1648692604) 23.03.2020. |
| 3 | Introduction to small and non-small lung cancer patients. | Xpress Publishing An imprint of Notion Press. | (ISBN: 9781648504280) 11.03.2020. |
| 4 | Introduction to Diabetes Mellitus. | Scholar's Press, International Book Market Service Ltd., | Mauritius. (ISBN: 978-613-8-92491-3) |

| | | | |
|---|--------------------------------------|------------------|---------------------------|
| 5 | Practical Cell and Molecular Biology | Iyal Publication | (ISBN: 978-93-85283-99-4) |
|---|--------------------------------------|------------------|---------------------------|

Book Chapters:

1. Azhagu Madhavan S, **Ganesan S**, Maneemegalai S, Vinayagamoorthi P, Mahadevi M. 2021. Transmission Qualities and Pathogenesis of Sars-Cov-2 and Covid-19 infections in Humans therapeutics & Recent developments in current evidence reviews. Hospitality and Tourism Industry amid COVID-19 Pandemic, Eureka Publications. Pp 251-269. (ISBN: 978-81-951936-0-8)
2. Azhagu Madhavan S, **Ganesan S**, Vinotha P, Uma V, Mahadevi M, Senthil J. 2021. Immune system might promote recovery for mild COVID-19 patients impact of Coronavirus on education in India review. Hospitality and Tourism Industry amid COVID-19 Pandemic, Eureka Publications. pp 465-477. (ISBN: 978-81-951936-0-8)

ANNEXURE – VI

GUEST LECTURES DELIVERED:

| Sl. No. | Title of the Guest Lecture | Place | Date |
|---------|--|---|--------------------------------|
| 1 | Role of Stem Cells in Human Health and Research | Invites talk delivered in the National Webinar on at Rajah Serfoji Government College (Autonomous), Thanjavur. | 26 th June 2021 |
| 2 | Challenges of IPR in Current Scenario | Invited talk delivered in the Three days online FDP at Sengamala Thayaar Educational Trust Women's College (Autonomous), Mannargudi, Thanjavur. | 20 th June 2021 |
| 3 | The role of Stem Cells in the Management of Liver Cancer | DST-PURSE sponsored Webinar on Genetic Disease and Disorders at Bharathiar University, Coimbatore | 18 th March 2021 |
| 4 | Recent trends in Drosophila research | National Certificate course on Drosophila research at Bharathiar University, Coimbatore. | 24 th February 2021 |
| 5 | Phytomedicine and Health | National Level Webinar | 13 th July 2020 |

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| | | organized by PG & Research Department of Biochemistry, Rajah Serfoji Government College, Thanjavur | |
| 6 | The role of oxidative stress in diabetic complications | National seminar on Novel approaches and Challenges in Phytomedicine and Phytopharmaceuticals, Rajah Serfoji Government College, Thanjavur | 16 th March 2020 |
| 7 | Role of Oxidative stress in Senescence and Ageing | International Conference on Transdisciplinary and Innovative Research in Science, Thiruvalluvar University, Vellore. | 26 th – 28 th February 2020 |
| 8 | Role of Stem Cells in Cancer Therapy | National seminar on Molecular Basis of Cancer & Prevention, PRIST University, Thanjavur | 18 th February 2020 |
| 9 | Targeting Liver Cancer Stem Cell Through EpCAM Targeted Therapy Along With Chemotherapy Promote Better Progression In Hepatocellular Carcinoma | 2 nd World Congress on Cancer Science and Therapy, Bangkok, Thailand | December 02-03, 2019 |
| 10 | Imposing oxidative stress in 3T3 L1 adipocytes and molecular dissection of Senescence and insulin resistance mechanisms | National conference on Biology and Medicine organized by the Department of Zoology & Human Genetics and Molecular Biology, Bharathiar University, Coimbatore | 08 th February 2019 |
| 11 | Role of IPR in Biological Sciences | Sengamala Thayaar Educational Trust Women's College, Mannargudi | 31 st December 2018 |
| 11 | rDNA Technology | Annai College of Arts and Science, Kumbakonam | 18 th September 2018 |
| 12 | Nature of Cancer Cells | A.V.V.M. Sri Pushpam College (Autonomous), Poondi | 7 th August 2018 |
| 13 | Organic Farming Awareness | Annai College of Arts and Science, Kumbakonam | 03 rd January 2018 |

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| 14 | Evaluation of accelerated cellular senescence in Mesenchymal stem cells isolated from human bone Marrow, adipose tissue, umbilical cord blood and Wharton's jelly | Bharathiar University, Coimbatore | 22 nd August 2017 |
| 15 | Emergence and Development of Chick Embryo and RDNA Technology Role in Medicine | Department of Biochemistry, Bharathidasan University Constituent College for Women, Orathanadu | 21 st July 2017 |
| 16 | A recent trend in Biotechnology | Annai College of Arts and Science, Kumbakonam | 11 th July 2017 |
| 17 | Environmental Conservation: role in Healthcare | A.V.C. College, Mayiladuthurai | 16 th March 2017 |
| 18 | Oxidative Stress in Diabetes | 104 th Indian Science Congress at SV University, Tirupati | 03 rd to 07 th January 2017 |
| 19 | Phytomedicine and their Role in Healthcare System | Bharathidasan University Constituent College for Women, Orathanadu | 01 st August 2015 |
| 20 | Phytomedicine | Annai College of Arts and Science, Kumbakonam | 08 th July 2015 |
| 21 | Biosafety and Bioethics in Stem cell culture | Annai College of Arts and Science, Kumbakonam | 24 th July 2014 |

ANNEXURE – VIII

SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS ORGANIZED:

| Sl. No. | Title of the Seminar/Conference/Symposia Workshop | Name of the Sponsoring Agency | Amount Sanctioned | Period | UC submitted If Yes, Date and Year |
|---------|--|-------------------------------|-------------------|---|------------------------------------|
| 1 | National Conference on Healthcare and Biotechnology in India: Emerging Trends and Challenges (HBIETC 2017) | UGC | 70,000 | 17 th and 18 th August 2017 | Yes 14.09.2017 |
| 2 | National Conference on Trends in Healthcare and Biotechnology: Opportunities and Challenges | SERB – DST | 90,000 | 22 nd and 23 rd January | Yes 24.07.2016 |

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|--------------|--|--|------|--|
| (THBOC 2016) | | | 2016 | |
|--------------|--|--|------|--|

ANNEXURE – IX

Research Experience (M.Phil.) – Guided and Guiding

| Sl. No | Name of the Scholar | Title of the Dissertation | Year of Study | University |
|--------|--|---|---------------|--------------------------|
| 1 | S. Senthilkumar Reg. No.14ZOA712 (Part-Time) | Oxidative Stress Induced The Cellular Premature Senescence In 3t3 L1 Adipocytes | 2014-2016 | Bharathidasan University |
| 2 | M. D. Punithavathi Reg. No.15ZOA752 (Part-Time) | Resveratrol Prevents Oxidative Stress-Induced Senescence by activating the p53 signalling pathway in Cultured Mouse pre-adipocytes (3T3 L1) cell line | 2015-2017 | Bharathidasan University |
| 3 | T. Suresh Reg. No. 16ZOA701 (Part-Time) | Anti-Diabetic Effect Of <i>Costus Spicatus</i> Leaves In Normal And Streptozotocin-Induced Diabetic Albino Rats | 2016-2018 | Bharathidasan University |
| 4 | S. Ramachandran Reg. No. 17ZOA702 (Part-Time) | Phytochemical analysis and anti-diabetic effect of <i>Aloe vera</i> Linn. Plat powder | 2017-2019 | Bharathidasan University |

ANNEXURE – X

Research Experience (PhD) – Awarded, Submitted and Guiding

| Sl. No. | Name of the Scholar | Title of the Thesis | Year of Study | University |
|---------|---|--|---------------|--------------------------|
| 1 | S. Vasanthakumar (Degree awarded on 14.09.2019) | Combinatorial approaches to understanding the tumour recurrence in Liver Cancer | Jan-2015 | Bharathidasan University |
| 2 | D. Muthu (Degree awarded on 26.11.2020) | Combinatorial approaches to understanding the tumour recurrence of Breast Cancer | Jan-2015 | Bharathidasan University |
| 3 | B. Babu (Degree awarded on 02.07.2020) | Targeting drug efflux transporter in low dose Cyclophosphamide induced Breast Carcinoma | Oct-2015 | Bharathidasan University |
| 4 | P. Sasikala (Degree awarded on 07.07.2020) | Phytochemical, pharmacological and molecular studies on <i>Silybum marianum</i> (L.) Gaertn. (Milk thistle) seed extract against Colorectal Cancer | Jan-2016 | Bharathidasan University |
| 5 | M. Padma (Degree awarded on 12.03.2020) | Clinical significance and molecular mechanism of <i>Taraxacum officinale</i> (L.) Weber Ex F.H.Wigg (Dandelion) root extract against Liver and Breast Cancer | Jan-2016 | Bharathidasan University |
| 6 | S. Azhagu Madhavan (Degree awarded on 17.07.2020) | Anti-Diabetic Effects of Some Medicinal Plants in Streptozotocin-Induced Diabetic Albino Rats | Oct-2016 | Bharathidasan University |
| 7 | S. Senthilkumar (Synopsis submitted on 28.06.2021) | Signalling pathways targeted antidiabetic compound from <i>Costus spicatus</i> Linn | Jan-2018 | Bharathidasan University |
| 8 | S. Andrews (ongoing) | Phytochemical, Anti-Diabetic and Anti-lipidemic activities of some Medicinal Plants against Streptozotocin-induced diabetic Rat | May-2019 | Bharathidasan University |

ANNEXURE – XI

PARTICIPATION IN ACADEMIC RESEARCH BODIES IN OTHER INSTITUTIONS:

(Mention the period in the relevant column)

| Name of the Institution | Academic Council | BOS | Research committee | Academic Audit committee | Member in University committee | Any other (specify) |
|---|------------------|-----------|--------------------|--------------------------|--------------------------------|---------------------|
| Government Arts College (Autonomous), Kumbakonam | | | | 17.06.2021 | | |
| Bharathiar University, Coimbatore | | | From 2015 | | 15.12.2015 & 03.10.2018 | |
| Annai College of Arts and Science, Kumbakonam | - | From 2018 | From 2020 | - | - | - |
| Sharmila Institute of Medicinal Products Research Academy (SIMPRA), Thanjavur | - | From 2015 | From 2018 | - | - | - |
| Raja Serfoji Government College (Autonomous), Thanjavur | | | From 2020 | | | |
| Government Arts College (Autonomous), Kumbakonam | | | From 2021 | | | |
| Poompuhar College (Autonomous), Melaiyur, Nagapattinam. | | | From 2021 | | | |

| PERIOD | EVENT |
|------------|--|
| 17.06.2021 | External subject expert for Academic audit - Department of Zoology, Govt. Arts College (Autonomous), Kumbakonam |
| 15.12.2015 | EXPERT PANEL MEMBER for the technical evaluation committee in the purchase of research instruments at BHARATHIAR UNIVERSITY, Coimbatore |
| 03.10.2018 | SELECTION COMMITTEE MEMBER in the selection of Project Assistant in the Dept. of Human Genetics and Molecular Biology at BHARATHIAR UNIVERSITY, Coimbatore |

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| 2018-2022 | BOS-SHARMILA INSTITUTE OF MEDICINAL PRODUCTS RESEARCH ACADEMY (AFFILIATED TO BHARATHIDASAN UNIVERSITY) |
| 2018- 2025 | BOS – Annai College of Arts and Science, Kumbakonam (AFFILIATED TO BHARATHIDASAN UNIVERSITY) |
| From 2021 | DC Member – Poompuhar College (Autonomous), Melaiyur, Nagapattinam. |
| From 2021 | DC Member - Government Arts College (Autonomous), Kumbakonam |
| From 2020 | DC Member – Raja Serfoji Government College (Autonomous), Thanjavur |
| From 2020 | DC Member – Annai College of Arts and Science, Kumbakonam |
| From 2017 | DC Member – Bharathiar University , Coimbatore |
| From 2015 | DC Member – Bharathiar University , Coimbatore |
| From 2015 | DC Member – SIMPRA, Thanjavur |

ANNEXURE – XII

SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES.

| Si.No | Name of the Activity | Period |
|-------|-----------------------------|-------------------------|
| 1. | Research Committee (DC) | From 2014 |
| 2. | Library Committee | June 2015-2016 |
| 3. | Training & Placement Cell | June 2016-2017 |
| 4. | Student's Welfare Committee | June 2017-2018 |
| 5. | Magazine Committee | June 2018- to till date |
| 6. | IQAC – member | 2019- to till date |

ANNEXURE – XIII

MEMBERSHIP IN PROFESSIONAL BODIES

| Name of the Professional Body | National/International | Period |
|-------------------------------|------------------------|--------|
|-------------------------------|------------------------|--------|

| | | |
|---|---------------|------------------|
| Member Reviewer Board of Cancer Biology and Treatment, Herald Scholarly Open access, Herndon, VA 20171, USA | International | 2017- Till date |
| Life member - The Indian Science Congress Association, Kolkata, India | National | 2014-Till Date |
| Life member – Association for Promotion of DNA Fingerprinting & Other DNA Technologies (ADNAT- C/O, CCMB, Hyderabad, India) | National | 2009-Till date |
| Student member- Journal of Aquatic Biology, Hyderabad, India | National | 2007-Till date |
| Life member – All India Medical Laboratory Technologists Association, New Delhi, India. | National | 2009 – Till date |

ANNEXURE – XIV

HONOURS AND AWARDS RECEIVED

1. Received “BEST YOUNG SCIENTIST AWARD” from Novel Research Academy, Puducherry, India, November, 2019.
2. Received “BEST YOUNG FACULTY AWARD” from Novel Research Academy, Puducherry, India, November, 2019.
3. Selected as 'Science Communicator' in the 104th Indian Science Congress held at Shree Venkateshwara University, Tirupathi during January 2017.
4. Awarded as Research Associate in Indian Council for Medical Research (ICMR), Government of India (2012-2013).
5. *Gold Medal* for securing the first position in M.Sc., (2006).
6. *Best Student Award* was awarded at Thiagarajar College for academic performance in M.Sc.
7. *Best Poster Award*: Shiny A, Ganesan S, Anand C, Abirami G, Aravind S, Nagaraj M, Madhulikha D, Mohan V and Balasubramanyam M. Mitochondrial dysfunction and Oxidative stress contribute to hyperinsulinemia-induced migration and proliferation in Vascular Smooth Muscle Cells. "10th International Conference on Free Radical Research" (SFRR 2011) in Chennai, India, from January 9th-11th, 2011.
8. *3rd prize for the poster presentation*: Finny Monickkaraj S, Ganesan S, Aravind S, Nandhini P, Mohan V & M.Balasubramanyam. Oxidative Stress Induced Accelerated Senescence and Telomere Shortening in Adipocytes. 37th National Meeting of the Research Society for the study of the Diabetes in India, 2009 at Ahmedabad.
9. *First prize* in Coastal Cleaning Day organization by SACEP, United National Environmental Program (UNEP), Indian Coast Guard (ICG), and National Institute of Ocean Technology (NIOT) (Sep 16, 2006)
10. *First Place* in State Level Inter Collegiate Literary & Cultural Fete for Poster Presentation organized by the Department of Biotechnology, Ayya Nadar Janaki Ammal College (ANJAC) Sivakasi, on 22nd September 2004.

11. *First Place* in State Level Inter Collegiate Literary & Cultural Fete for Dissection Competition organized by the Department of Biotechnology, Ayya Nadar Janaki Ammal College (ANJAC) Sivakasi, on 22nd September 2004.
12. *Second Place* in State Level Inter Collegiate Literary & Cultural Fete for Quiz Competition organized by the Department of Biotechnology, Ayya Nadar Janaki Ammal College (ANJAC) Sivakasi, on 22nd September 2004.