



**A.V.V.M. SRI PUSHPAM COLLEGE
(AUTONOMOUS),
POONDI – 613503, THANJAVUR – DT.
STAFF PROFILE as on December 2018**



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 - 35 years
D D M M Y Y Y Y
5. Date of Appointment : Self – Financed :

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FIP :

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Aided :

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

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 PG

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 M.Phil.

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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 : 1, 1, 1
10. Whether FDP availed, if yes, furnish details : Nil
11. No. of Seminars attended : 21
12. No. of Papers Presented : 60
13. No. of Papers Published : 37
14. No. of Books Published : 1
15. No. of Guest Lectures delivered in other institutions : 11
16. No. of Research Projects undertaken : Minor Nil Major Nil Others (Specify) Nil
17. No. of Seminars organised : 2
18. No. of. M.Phil. Scholars Guided : Completed 3 Ongoing 1
19. No. of. PhD Scholars Guided : Awarded Nil Ongoing 7
20. Participation in Academic Research Bodies in other institutions : Nil (Annexure – XII)
21. Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching : 4
22. Service rendered in Professional bodies outside the College : 2
23. Honours/ Awards received : 10

Signature of the Staff

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**WHETHER FDP AVAILED, IF YES, FURNISH DETAILS**

Name of the institution	Period of Study	Date of submission	Awarded

ANNEXURE – III**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	March 13 & 14, 2014
4.	<i>9th Indian Fisheries Forum</i>	CMFRI	CMFRI, Chennai	19-23 December 2011
5.	<i>Cell Biology Techniques</i>	LONZA	Bangalore	25 th April 2011
6.	<i>xSAMPLES” 2011</i>	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</i>	Society for Toxicologic Pathology in India	Bangalore	29-31, October 2010

	<i>System"</i>			
8.	<i>Techniques in Genomics of Type 2 Diabetics</i>	ICMR-MDRF	MDRF, Chennai	February 18 – 23, 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 & 28 August 2009
12.	<i>Techniques in Genomics in Relation to Diabetics & Related Disorders"</i>	ICMR-MDRF	MDRF, Chennai	Jan 03- 09 (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
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 <i>"Recent Trends in Insect Pest Management"</i>	ERI	ERI - Loyola College, Chennai	1&2 February 2007

17.	<i>National Science Day Celebration</i>	Thiagarajar College	Thiagarajar College, Madurai	28 th February and 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	2003-2004
21.	The training program of "Domestic Preservation of Fruits and Vegetables Nutrition"	Department of women and child development, Food & Nutrition Board (Ministry of HRD)	Madurai	2002

ANNEXURE – IV

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.	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
2.	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

3.	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
4.	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
5.	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
6	Anti-proliferative, cytotoxic and apoptotic activity of EpCAM targeted therapy on HepG2 cell line	National Conference	UGC, Department of Botany and Microbiology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur	17-18 th October 2017
7	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
8	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 & 16 September 2017
9	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	22-24 th August 2017
10	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	22-24 th August 2017

11	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	22-24 th August 2017
12	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	22-24 th August 2017
13	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	22-24 th August 2017
14	3D Models In Cancer Research And Drug Discovery	International Conference	DST, UGC, ICMR, DBT - Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore	22-24 th August 2017
15	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	22-24 th August 2017
16	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	22-24 th August 2017
17	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	22-24 th August 2017
18	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	17-18 th August 2017

19	Increasing the efficacy of doxorubicin in breast cancer Cells using nelfinavir by targeting multidrug resistance Mechanisms	National Conference	UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur	17-18 th August 2017
20	Screening of phytochemicals and anticancer activity of <i>Annona squamosa</i> l. Extracts	National Conference	UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur	17-18 th August 2017
21	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	17-18 th August 2017
22	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	17-18 th August 2017
23	Resveratrol prevents oxidative stress-induced Senescence by activating the p53 signalling pathway in Cultured mouse pre-adipocytes (3t3 I1) cell line	National Conference	UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur	17-18 th August 2017
24	Oxidative Stress Role In Diabetes	National Conference	UGC- Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur	17-18 th August 2017
25	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	17-18 th August 2017

26	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	17-18 th August 2017
27	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	17-18 th August 2017
28	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	17-18 th August 2017
29	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	22-23 rd January 2016
30	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	22-23 rd January 2016
31	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	22-23 rd January 2016
32	Oxidative Stress in Diabetes	National Conference	DST-SERB - Department of Zoology and Biotechnology, A.V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur	22-23 rd January 2016

33	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	22-23 rd January 2016
34	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	22-23 rd January 2016
35	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 and 01 st August 2015
36	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 and 01 st August 2015
37	Oxidative stress in Oreochromis mossambicus as a biomarker of exposure to environmental pollution	National Conference	DST, UGC, DBT - Bharathidasan University, Trichy	20 th & 21 st March 2014
38	<i>Association among short telomeres, mitochondrial DNA depletion and hypoadiponectinemia in patients with Type 2 diabetes</i>	International Diabetes Federation	IDF - Belgium	06-Dec-2011
39	<i>Novel Link between Oxidative Stress-induced Accelerated Senescence and Insulin Resistance in Adipocytes</i>	International conference	new Frontiers in Diabetes Research, AP	August 2010

40	<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
41	<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
42	<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
43	<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 and 12 th March,
44	<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,
45	<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,
46	<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,
47	<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,

48	<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,
49	<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
50	<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
51	<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
52	<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
53	<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
54	<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
55	<i>MyoD protein expression in muscles and single cell gel electrophoresis (Comet) assay in liver cells of Tilapia mossambicu"s" - Greenomics</i>	International Conference	Hindustan University, Chennai	30 th & 31 st August 2010
56	<i>The Comet assay for evaluation of genotoxic impact in Oreochromis mossambicus from polluted water of Korattur Lake, Chennai, India</i>	International Conference	Hindustan University, Chennai	30 th & 31 st August 2010

57	<i>Elevated retinal Binding Protein-4 (RBP-4), A Novel Adipokine Biomarker in Insulin Resistance and Type 2 Diabetes</i>	2 nd Indian Youth Science Congress	SRM University, Chennai	June 26-28, 2010
58	<i>Barley frost resistance Gene (COR14-33b) analysis and simulation by Bioinformatics tools</i>	National Conference	DBT-BIF Centre for Bioinformatics, University of Kerala, Keralam	January 11 th to 13 th 2010
59	<i>Bioinformatically Designed E.coli Plasmid Vector for Bioremediation of Organophosphate</i>	National Conference	DBT-BIF Centre for Bioinformatics, University of Kerala, Keralam	January 11 th to 13 th 2010
60	<i>Physicochemical and Microbiological water quality of Chrompet Lake in Chennai, India</i>	International Colloquium	Alagappa University, Karaikudi	2009

ANNEXURE – V

RESEARCH PAPERS PUBLISHED:

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1	Phytochemical and GC-MS analysis of bioactive compounds present in ethanolic leaves extract of <i>Taraxacum officinale</i> (L).	Journal of Drug Delivery & Therapeutics	In Press		
2	Phytochemical screening and GC-MS analysis of bioactive compound present in ethanolic leaves extract of <i>Silybum marianum</i> .	Journal of Drug Delivery & Therapeutics	In Press		
3	Biochemical characterization and 16s rRNA sequencing of different bacteria from textile dye effluents	Journal of Drug Delivery & Therapeutics	8(6)	2018	35-40
4	Anti-CSC combination therapy using Wnt signalling targeted drug	Journal of Drug Delivery & Therapeutics,	8(5-s)	2018	139-142.
5	Identification and genetic characterization of <i>Serratia liquefaciens</i> isolated from textile effluents	Journal of Pharmacognosy and Phytochemistry	7(5)	2018	868-872

6	Enzyme activity and genetical characterization of <i>Bacillus amyloliquefaciens</i> from textile effluents	The Pharma Innovation	7(8)	2018	604-609
7	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
8	Understanding the mechanism of drug-resistant and tumour recurrence in liver cancer	Journal of Drug Delivery and Therapeutics	8(5)	2018	224-229
9	Effect of Verapamil on P-Glycoprotein Expression in Breast Cancer	International Journal of Pharmaceutics and Drug analysis	6 (5)	2018	523-528
10	Selected conventional chemotherapy promotes Cancer Stem cells in Liver Cancer	International Journal of Pharmaceutics and Drug analysis	6 (2)	2018	154-159
11	XAV-939 suppress metastasis by inhibiting Brest Cancer Stem cells.	International Journal of Pharmaceutics and Drug analysis	6 (2)	2018	232-236
12	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
13	Cytogenetic screening in Colorectal Cancer patients of Tamil Nadu population.	International Journal of Pharmaceutics and Drug analysis	6 (2)	2018	122-126
14	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
15	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
16	Hepatoprotective and antidiabetic effect of aqueous effects of <i>Costus spicatus</i> JACQ. Rhizome extract in streptozotocin-induced	International Journal of Life Sciences	11	2018	61-66

	diabetic rats – histological study.				
17	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
18	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
19	EpCAM as a Novel Therapeutic target for Hepatocellular carcinoma.	Journal of Oncological Sciences	-	2017	71-76
20	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
21	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
22	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
23	Effect of aflatoxin and toxin binders on the gamma-glutamyl transferase of breeding <i>Japanese quails, Coturnix Coturnix japonica</i> .	<i>International journal of current research</i>	7(1)	2015	12267-12269
24	Studies on the microbial flora in some traditional fermented dairy products.	<i>International journal of current research</i>	6(4)	2014	6116-6119
25	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
26	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
27	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

28	Assessment of environmental stress by comet assay for evaluation of genotoxic impact in <i>Channa punctatus</i> .	Journal of Thulasi	-	2013	
29	Standardization of Clove Oil Concentration for Anaesthetic Effect in <i>Catla catla</i> (Ham.)	Journal of Thulasi	-	2013	
30	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	-
31	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
32	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
33	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
34	Detection of DNA damage in lymphocytes of <i>Oreochromis mossambicus</i> using Comet assay	Journal of Aquatic Biology	25(2)	2010	136-140
35	Adiponectin and Carotid Medial Thickness in subjects with and without Glucose Intolerance – (CURES- 82)	Diabetes Technology & Therapeutics	12(2)	2010	-
36	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
37	Biotreatment of Textile Dye Effluent employing Egg Shell Waste	Convergence	9(1)	2007	1-9

ANNEXURE – VI**BOOKS PUBLISHED:**

Sl. No.	Name of the Book / Title of the Article/Book/Editor	Publisher	Place and Year of Publication
1	Practical Cell and Molecular Biology	Iyal Publication	Thanjavur, In Press

ANNEXURE – VII**GUEST LECTURES DELIVERED:**

Sl. No.	Title of the Guest Lecture	Place	Date
1	Role of IPR in Biological Sciences	Sengamala Thayaar Educational Trust Women's College, Mannargudi	31 st December 2018
2	rDNA Technology	Annai College of Arts and Science, Kumbakonam	18 th September 2018
3	Nature of Cancer Cells	A.V.V.M. Sri Pushpam College (Autonomous), Poondi	7 th August 2018
4	Organic Farming Awareness	Annai College of Arts and Science, Kumbakonam	03 rd January 2018
5	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
6	A recent trend in Biotechnology	Annai College of Arts and Science, Kumbakonam	11 th July 2017
7	Environmental Conservation: role in Healthcare	A.V.C. College, Mayiladuthurai	16 th March 2017
8	Oxidative Stress in Diabetes	104 th Indian Science Congress at SV University, Tirupati	03 rd to 07 th January 2017
9	Phytomedicine and their Role in Healthcare System	Bharathidasan University Constituent College for Women, Orathanadu	01 st August 2015
10	Phytomedicine	Annai College of Arts and Science, Kumbakonam	08 th July 2015
11	Biosafety and Bioethics in Stem cell culture	Annai College of Arts and Science, Kumbakonam	24 th July 2014

ANNEXURE – VIII**RESEARCH PROJECTS – ONGOING AND COMPLETED:**

SL No.	Title of the project	Minor/ Major	Name of the Funding Agency	Period	Amount Sanctioned	UC Submitted If Yes, Date and Year

ANNEXURE – IX**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 (THBOC 2016)	SERB – DST	90,000	22 nd and 23 rd January 2016	Yes 24.07.2016

ANNEXURE – X**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	Ramachandran	Adipocytes Biology	2017-2019	Bharathidasan University

ANNEXURE – XI**Research Experience (PhD) – Awarded, Submitted and Guiding**

Sl. No.	Name of the Scholar	Title of the Thesis	Year of Study	University
1	S. Vasanthakumar	Combinatorial approaches to understanding the tumour recurrence in Liver Cancer	Jan-2015	Bharathidasan University
2	D. Muthu	Combinatorial approaches to	Jan-	Bharathidasan

		understanding the tumour recurrence of Breast Cancer	2015	University
3	B. Babu	Targeting drug efflux transporter in low dose Cyclophosphamide induced Breast Carcinoma	Oct-2015	Bharathidasan University
4	P. Sasikala	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	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. Azhagumadhavan	Anti-Diabetic Effects of Some Medicinal Plants in Streptozotocin-Induced Diabetic Albino Rats	Oct-2016	Bharathidasan University
7	S. Senthilkumar	Signalling pathways targeted antidiabetic compound from <i>Costus spicatus</i> Linn	Jan-2018	Bharathidasan University

ANNEXURE – XII

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)
Annai College of Arts and Science, Kumbakonam	-	yes	-	-	-	-
Sharmila Institute of Medicinal Products Research Academy (SIMPRA), Thanjavur	-	Yes	Yes	-	-	-

SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES.

Si.No	Name of the Activity	Period
1.	Library Committee	June 2015-2016
2.	Training & Placement Cell	June 2016-2017
3.	Student's Welfare Committee	June 2017-Till date
4.	Magazine Committee	June 2018-Till date

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

Honours AND AWARDS RECEIVED

1. Selected as 'Science Communicator' in the 104th Indian Science Congress held at Shree Venkateshwara University, Tirupathi during January 2017.
2. Awarded as Research Associate in Indian Council for Medical Research (ICMR), Government of India (2012-2013).
3. *Gold Medal* for securing the first position in M.Sc., (2006).
4. *Best Student Award* was awarded at Thiagarajar College for academic performance in M.Sc.
5. *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.
6. *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.
7. *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)
8. *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.
9. *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.
10. *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