

Name and Qualification: Dr. V DEEPA PARVATHI M.Sc. Ph.D.



Designation with Address of the Institution:

Associate Professor

Department of Biomedical Sciences

Faculty of Biomedical Sciences and Technology

Sri Ramachandra Institute of Higher Education and Research(D.U.)

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Education:

Institution and Location	Degree (UG/PG/ PhD)	Year Conferred	Field of Specialization
Vels University	PhD	2017	Biotechnology
Sri Ramachandra Medical College and Research Institute(Deemed University)	PG	2006	Human Genetics
SRM Arts and Science College, University of Madras	UG	2003	Microbiology
Cambridge International Diploma for Teachers and Trainers	Diploma	2013	Education

Teaching & Research Experience:

Institute	From	To	Designation
Department of Biomedical Sciences, Sri Ramachandra Institute of Higher Education and Research	July 2022	Till Date	Associate Professor
Department of Biomedical Sciences, Sri Ramachandra Institute of Higher Education and Research	March 2019	June 2022	Assistant Professor
Department of Human Genetics, Sri Ramachandra Institute of Higher Education and Research	March 2018	February 2019	Assistant Professor
Department of Human Genetics, Sri Ramachandra University	December 2015	March 2018	Senior Lecturer
Department of Human Genetics, Sri Ramachandra University	December 2007	November 2015	Lecturer
Department of Human Genetics, Sri Ramachandra University	December 2006	December 2007	Tutor

Research Interests:

- Nanobiotechnology: Synthesis, characterisation and toxicity assessment of nanomaterials
- Human Genetics and Cancer Biology (Cytogenetics and Human Molecular genetic diagnosis of human disorders)
- Drosophila Biology: In vivo toxicity testing and Modelling Human Diseases & Cancer in fly model
- Immunology: Production of Monoclonal and Polyclonal antibodies
- Animal Cell Culture: Monolayer cultures, In vitro toxicity assessment, 3D Culture methods

Research Projects Conducted:

- **Ongoing** - Expression of tumor microenvironment stromal markers and its relationship with mTOR in Oral Squamous Cell Carcinoma - A Retrospective Cohort Study” **SERB POWER**
 - Grant amount: Rs.28,88,413/- Period: 3 Years
- **Ongoing – (GATE 2022)** Ramachandra Institute of Higher education and Research in October 2019 for project titled “Impact of Phytoestrogen rich supplementation on gut microbiome composition in women with PCOS”
 - Grant Amount: Rs. 1,00,000/- Period: 1 Year
- **Ongoing – (GATE 2022)** Ramachandra Institute of Higher education and Research in October 2019 for project titled “Extraction, characterisation and evaluation of active compound from Brahmi on circadian genes disrupted zebra fish animal model”
 - Grant Amount: Rs. 1,00,000/- Period: 1 Year
- **Completed - (GATE 2019)** Ramachandra Institute of Higher education and Research in October 2019 for project titled “Nanopesticide induced genotoxic studies in *D. melanogaster*”
 - Grant Amount: Rs. 90,000/- Period: 1 Year
- **Completed – (GATE 2011)** Ramachandra University in October 2011 for project titled Evaluation of *in vivo* genotoxicity of Ethyl methane sulphonate (EMS) and heavy metals in *Drosophila melanogaster* using the Wing Spot Test”.
 - Grant Amount: Rs 80,000/- Period: 1 Year

Patents filed & Approved: NIL

Ph.D. Research Guidance:

S. No.	Year of enrollment	Student	Affiliation
1	2020	Ms. Indhuja.J.	Sri Ramachandra Institute of Higher Education and Research
2.	2021	Mr. Sudharsan.S.	Sri Ramachandra Institute of Higher Education and Research
3.	2022	Ms. Jennifer Sally	Sri Ramachandra Institute of Higher Education and Research

M.Phil. Research Guidance:

S. No.	Topic	Year	Student	Affiliation
1	Effect of Carbamazepine on Regeneration- An Analytical Study Using Zebra Fish	2017	Ms. Bhavana B	Bharathiar University

Post graduate Project Guidance:

S. No.	Topic	Year	Student	Affiliation
1	Biochemical and Behavioral alcohol responses in <i>Drosophila melanogaster</i>	2022	Ms. Shantha S	M.Sc. Biomedical Sciences SRIHER
2	In vitro and In vivo toxicity of Hydroxychloroquine	2021	Mr.S. Sudharshan	M.Sc. Biochemistry University of Madras
3	<i>In vivo</i> toxicity assessment of microplastics on <i>Drosophila</i>	2020	Ms. Shalini	M.Sc. Biotechnology VIT University
4	<i>In vitro</i> toxicity assessment of microplastics on human lymphocytes	2020	Ms. Hema	M.Sc. Biotechnology VIT University
5	Nanosometric evaluation of cerium oxide nanoparticle- <i>in vivo</i> and <i>in vitro</i> approach.	2019	Ms Sharon Benita	M.Sc. Human Genetics, SRIHER
6	Evaluation of Inflammatory Markers as A Response to ZnO Nanoparticles Exposure Using Cytokine Assay as The End Point	2018	Ms Sweta Sridharkumar	M.Sc. Human Genetics, SRIHER
7	Induction of Inflammation by ZnO Nanoparticles <i>In Vitro</i> And <i>In Vivo</i> Approach.	2018	Ms. Janani Boominathan	M.Sc. Human Genetics, SRIHER
8	<i>Genotoxicity testing of Titanium dioxide nanoparticles using wing spot assay</i>	2016	Ms Shalini C	M.Sc. Human Genetics, SRIHER
9	<i>Toxicity assessment of multi walled carbon nanotubes</i>	2015	Ms. Saranya B	M.Tech Biotechnology Sathyabama University
10	<i>In vivo</i> toxicity assessment of single walled carbon nanotubes	2015	Ms. Laksha SG	M.Sc. Human Genetics, SRIHER
11	Genotoxicity studies of Natural and synthetic anti-fungal agents on <i>Drosophila melanogaster</i>	2014	Ms.R Shalini	M.Sc. Biotechnology Stella Maris College
12	Genotoxicity studies of Anti-cancer drug Methotrexate on <i>Drosophila melanogaster</i>	2014	Ms.B Shyamili	M.Sc. Biotechnology Stella Maris College
13	<i>In vivo</i> genotoxicity testing of carbon nano tubes in <i>Drosophila melanogaster</i>	2014	Ms. S. Keerthana	M.Sc. Biotechnology VIT University, Vellore
14	<i>Toxicity assessment of carbon nanotubes in Zebra Fish</i>	2014	Ms. Sirisha Podila	MSc Human Genetics, SRIHER
15	<i>Genotoxic assessment of magnesium oxide NPs in Drosophila melanogaster</i>	2013	Ms. Stella Saren	M.Sc. Biotechnology VIT University, Vellore

	<i>and human lymphocytes</i>			
16	Genotoxicity assessment of iron oxide and silicon dioxide NPs in <i>Drosophila melanogaster</i> and human lymphocytes	2013	Ms Priyadarshini	M.Sc. Biotechnology VIT University, Vellore
17	Genotoxic evaluation of Nano Cobalt oxide in <i>Drosophila melanogaster</i> and Human peripheral blood	2013	Ms Pavitra	M.Sc. Biotechnology VIT University, Vellore
18	Genotoxicity testing of nano permethrin using <i>in vivo</i> and <i>in vitro</i> studies	2013	Ms Malathi Mahendran	M.Sc. Biotechnology VIT University, Vellore
19	Synthesis, characterization and genotoxicity assessment of iron nano particles	2013	Mr. Jalpan Pandya	MSc Human Genetics, SRIHER
20	<i>In-Vitro</i> and <i>In-Vivo</i> Assessment of Genotoxicity of Ethyl Methanesulfonate (EMS).	2012	Ms. Swarna Raman	MSc Human Genetics, SRIHER
21	Tumor Induction studies in <i>Drosophila melanogaster</i> using Tryptophan and Sodium fluoride	2011	Ms. Priyanka V	MSc Human Genetics, SRIHER
22	Evaluating the genotoxicity and mutagenicity of Carbamazepine and Bleomycin on <i>D. melanogaster</i>	2010	Ms Shuba and Mr Srinand	Karpaga Vinayaga College of Engineering and Technology
23	Anthracycline (Epirubicin) induced mutation studies and study of GFP gene inheritance in <i>D. melanogaster</i>	2010	Ms. Mathangi Ravi	MSc Human Genetics, SRIHER
24	Genotoxicity and Antigenotoxicity studies in <i>Drosophila melanogaster</i>	2010	Ms. N. Revathi	M.Sc. Biotechnology Pondicherry University
25	Genotoxicity testing in <i>Drosophila melanogaster</i>	2009	Ms. Akshaya Amritha	MSc Human Genetics, SRIHER
26	Evaluation of chromosomal abnormalities associated with recurrent spontaneous abortions in couples of South Indian Origin	2008	Ms. S Neeli	MSc Human Genetics, SRIHER

Under Graduate Project Guidance:

S. No.	Topic	Year	Student	Affiliation
1	<i>Drosophila melanogaster</i> as a model to study the carcinogenic effects of furfural	2022	Ms. Samyukta	B.Sc. Biomedical Sciences, SRIHER
2	Synthesis and characterisation of zinc oxide nanoparticles for antibacterial applications	2022	Ms. Nidhiya Ninan	B.Sc. Biomedical Sciences, SRIHER
3	Targeted Therapy – A tool for improving Clinicl Outcome of gastric cancer Using	2021	Ms. Preeti Thiyagarajan	B.Sc. Biomedical Sciences, SRIHER

	Drosophila melanogaster as a Model organism			
4	In vivo Genotoxicity of Hydroxychloroquine in Drosophila melanogaster	2021	Ms Darshini Sri H	B.Sc. Biomedical Sciences, SRIHER
5	In vitro Genotoxicity testing of Hydroxychloroquine on Human Peripheral Blood Lymphocytes	2021	Ms Lavanya P	B.Sc. Biomedical Sciences, SRIHER
6	Antimicrobial and In vitro testing of Thymoquinone on peripheral blood lymphocytes	2021	Ms. Priyadarshini S	B.Sc. Biomedical Sciences, SRIHER
7	Testing the effect of Hesperidin from crude extracts of <i>Citrus Sinensis</i> by <i>In-Vitro</i> methods	2020	Ms. Karthika Sathiah	B.Sc. Biomedical Sciences, SRIHER
8	Understanding the anti-toxicity effects of Sulphoraphane on <i>Danio rerio</i>	2020	Ms. Meghna S	B.Sc. Biomedical Sciences, SRIHER
9	The Down Syndrome Survey	2019	Ms. Disha Sawhney.	B.Sc. Biomedical Sciences, SRIHER
10	Testing the Presence of Smith Antigen (Sm), Anti-SSB Antibody and Anti-RNP Antibodies in Patients Diagnosed with Systemic Lupus Erythematosus and Rheumatoid Arthritis.	2018	Ms. Avantika Kumar	B.Sc. Biomedical Sciences, SRIHER
11	<i>In vivo toxicity assessment of titanium oxide nanoparticles in Drosophila melanogaster.</i>	2017	<i>Ms. Manju Bhargavi</i>	B.Sc. Biomedical Sciences, SRU
12	Antimicrobial activity of zinc oxide of nanoparticles	2016	Ms Anooa Monisha M	B.Sc. Biomedical Sciences, SRU
13	A novel, sensitive method to assess the effects of ethanol on the behavior of <i>Drosophila melanogaster.</i>	2015	Ms Saishree B	B.Sc. Biomedical Sciences, SRU
14	<i>In-vivo toxicity assessment of aspartame in Drosophila melanogaster and Danio rerio,</i>	2014	Ms. Fahira Reshman	B.Sc. Biomedical Sciences, SRU
15	Mutagenicity testing in <i>Drosophila melanogaster</i> using Benzaldehyde and EMS	2010	Swarna Raman	BSc. Allied Health Sciences SRIHER

Conferences/Workshops/Seminars Organized:

S. No.	Name of the event (Specify nature of event)	Venue	Year & Date
1.	Recent advances in Biomedical Research	Sri Ramachandra Institute of Higher Education and Research	27.01.2020
2.	Workshop for Biology Teachers	Sri Ramachandra Institute of Higher Education and Research	23.01.2020 & 24.01.2020
3.	Prevention of Sexual Harassment at work	Alumni Association Sri Ramachandra Institute of Higher Education and Research	07.02.2019

4.	Molecular Cytogenetics- XVII National IAOMP postgraduate convention 2018	Sri Ramachandra Institute of Higher Education and Research	07.07.2018 & 08.07.2018
5.	Indo US Workshop on drug re-purposing for improving radiotherapy of cancer-	Sri Ramachandra Institute of Higher Education and Research	13.11.2017
6.	Seminar on stress Management for Outgoing Students	Alumni Association Sri Ramachandra Institute of Higher Education and Research	10.09.2017
7.	Leadership Workshop- Leaving a Legacy	SRWCA Sri Ramachandra Institute of Higher Education and Research	07.03.2017 & 08.03.2017.
8.	Workshop on Florescence in situ hybridization: basics and applications	Department of Human Genetics, Sri Ramachandra University	22.04.2016 & 23.04.2016
9.	National conference on phytochemicals as Biotherapeutics	Department of BMS Sri Ramachandra University	17.02.2016 & 18.02.2016.
10.	Setting benchmarks in teaching and learning through ICT	IQAC, Sri Ramachandra University	05.02.2016 & 06.02 2016.
11.	CITI International conference on accreditation of ethics committee, Investigator and clinical trial site	CRF Sri Ramachandra University	28.10.2015 & 29.10.2015
12.	Own your space	SRWCA Sri Ramachandra University	27.04.2015
13.	Seminar cum Workshop on Information and communications technology in teaching, learning and research	IQAC, Sri Ramachandra University	06.03.2015 & 07.03.2015
14.	CITI Conference on ethics and responsible conduct of research: Basics and Beyond	CRF Sri Ramachandra University	11.11.2014 & 12.11.2014
15.	CITI Updates in Research ethics and research methodology	CRF Sri Ramachandra University	04.03.2013 & 05.03.2013
16.	Workshop on Skills in Governance	SRWCA Sri Ramachandra University	08.03.2013
17.	International conference on Radiation Biology – Nanotechnology, Imaging	Department of Human Genetics,	15.11.2010 to 17.11.2010

	and stem cell research in Radiation Oncology (ICRB- NISSRO),	Sri Ramachandra University	
18.	Workshop on Assay in Toxicology (WAT 2009) Biomarkers in Toxicology and Diseases	Department of Human Genetics, Sri Ramachandra University	12.02.2009 & 13.02.2009
19.	Hands on training in Immuno Chemical Techniques (PERIOGEN)	Department of Human Genetics, Sri Ramachandra University	20.10.2008 & 21.10.2008
20.	International Conference and workshop on Genetics (ICOGEN)	Department of Human Genetics, Sri Ramachandra University	01.02.2007 to 04.02.2007

Conference presentations (Oral and Poster):

S.No	Name of Author	Title of papers presented	Name of Conference / Seminars etc.,	National/International (Specify)	Place	Year/Date
Oral Presentations						
1	V Deepa Parvathi <i>et.al</i>	Nanodosimetric evaluation of Nanopermethrin – An <i>in vitro</i> and <i>in vivo</i> approach.	International Conference on Innovations in Biosciences	International	UAE	11 th -12 th November 2019
2	V Deepa Parvathi <i>et.al</i>	Induction and evaluation of Inflammatory markers by Zinc oxide nanoparticles: A comparative study using <i>in vitro</i> and <i>in vivo</i> methods Best Paper Award	International Conference on Advances in Medical and Industrial Biotechnology Sathyabama University, Chennai	International	Chennai India	20 th -22 nd March 2019
3	V Deepa Parvathi <i>et.al</i>	Synthesis, characterization and toxicity assessment of nano iron	International Conference on interdisciplinary research in computer science, biosciences and electronics	International	Kuala Lumpur, Malaysia	29 th - 30 th November 2016
4	V Deepa Parvathi <i>et.al</i>	Standardisation of alternative method for nanogenotoxicity testing in <i>D.melanogaster</i> using iron	Nanomeet 2016. Anna University	National	Chennai India	6 th - 07 th October 2016

		nanoparticles: a promising link to nano dosimetry				
5	V Deepa Parvathi <i>et.al</i>	Nanotoxicology Testing Potential of <i>in vitro</i> tools in toxicity assessment of nanomaterials Best Paper Award	International conference on recent advances in nanoscience and technology Sathyabama University, Chennai	International	Chennai India	8 th -10 th July 2015
6	V Deepa Parvathi <i>et.al</i>	Nanotoxicology testing: Potential of <i>Drosophila</i> in toxicity assessment of nanomaterials Best Paper Award	National Conference on Emerging Trends in Biotechnology Stella Maaris College, Chennai.	National	Chennai India	17 th - 20 th January 2014
7	V Deepa Parvathi <i>et.al</i>	<i>In Vitro</i> and <i>In Vivo</i> Genotoxic Assessment of genotoxicity of Ethyl methane sulfonate Best Paper Award	National Conference on Current research perspectives in biotechnology, healthcare and environment Dr MGR Educational and Research Institute University, Chennai	National	Chennai India	15 th - 16 th April 2013

Poster Presentations

1	V Deepa Parvathi <i>et.al</i>	<i>In Vitro</i> and <i>In Vivo</i> genotoxic assessment of Silver Nitrate	National Conference on Current research perspectives in biotechnology, healthcare and environment Dr MGR Educational and Research Institute University, Chennai	National	Chennai India	15 th - 16 th April 2013
2	V Deepa Parvathi <i>et.al</i>	A toxicology comparison of extracellular and chemically synthesized silver nanoparticles	National Conference on Current research perspectives in biotechnology, healthcare and environment Dr MGR Educational and Research Institute University, Chennai	National	Chennai India	15 th - 16 th April 2013
3	V Deepa Parvathi <i>et.al</i>	Cytogenetic monitoring of human lymphocytes for drug action employing interphase condensed DNA	Indo Australian symposium on Pharmacogenomics, MAHE (Manipal)	National	Manipal India	10 th March 2006

Academic and/or Research awards:

Teaching Excellence Award	Teaching Excellence Award – Outstanding Contribution to Teaching – Sri Ramachandra Institute of Higher Education and Research -2020.
Research Award	Young Scientist Award – For Outstanding Research Contribution at International Conference on Advances in Medical and Industrial Biotechnology held between 20 th -22 nd March 2019 at Sathyabama Institute of Science and Technology, Chennai.
Academic Award	Jayanth Family Gold Medal, for University topper in M.Sc. Human Genetics of the year 2004-2006 , Sri Ramachandra Medical College and Research Institute (Deemed University).
Service Award	Long Service Award (10 Years) at SRIHER- September 2016.

Publications (Journals):

S. No.	Name of Authors / Department	Title of Publication in full	National/ International (specify)	Title of Journal	Specify Indexed/Accredited/ Others	Year of Journal	Volume No.	Pages From - to
International Journals								
1	Tapasya K, Ashmitha Sureshkumar, A.Dharmarajan, Deepa Parvathi V	Nanocarriers: The promising future to cancer diagnostics and treatment	International	Biomedical and Pharmacology Journal	Scopus Indexed	2022		https://bit.ly/3z49SAW
2	Gopinath PM, Parvathi VD , Yoghalakshmi N, Kumar SM, Athulya PA, Mukherjee A, Chandrasekaran N	Plastic particles in medicine: A systematic review of exposure and effects to human health	International	Chemosphere	Pub Med Indexed IF 7.086	2022	10.1016/j.chemosphere.2022.135227	
3	Vijayasri Hari, Deepa Parvathi V	Exploring the role of human gut microbiota in atopic asthma – the gut lung node	International	Current Trends in Biomedical Engineering and Biosciences	Web of Science Indexed	2022	DOI:10.19080/CTBEB.2022.20.556048	

4	Sangeetha V, Supriya V, Deepa Parvathi V	Nanopackaging and its potential application: A review	International	Biomedical Journal of Scientific and Technical Research	Web of Science Indexed	2022	10.26717/BJSTR.2022.41.006663
5	Yasheswinee R, Arun Dharmarajan , V Deepa Parvathi	Expanded carrier screening of neuromuscular disorders	International	Biomedical Journal of Scientific and Technical Research	Web of Science Indexed	2022	10.26717/BJSTR.2022.42.006774
6	Sneha Pramod, Suchitra Magesh, V Deepa Parvathi.	Mitochondrial Genetics in Gastric Cancer	International	Middle East Journal of Cancer	Scopus Indexed	2022	doi:10.30476/mejc.2021.86726.1369
7	Manu Sudhakar, Sofi WBeulah, Gowri Meiazhagan, Deepa Parvathi V	Mechanisms contributing to adverse outcomes of COVID-19 in obesity	International	Molecular and Cellular Biochemistry	PubMed Indexed	2022	https://doi.org/10.1007/s11010-022-04356-w
8	Disha Sawhney, Venkatachalam Deepa Parvathi, Vedhalakshmi Rajasankar, Surekha Ramachandran and Mohammed Saadat	Down Syndrome Survey in South Indian Population- Understanding Inheritance, Perceptions, Interventions and Diagnosis	International	International Journal of Human Genetics	Web of Science Indexed	2021	10.31901/24566330.2021/21.04.792
9	Suchita Ganesan, V Deepa Parvathi	Deconstructing the Molecular Genetics behind the PINK1/Parkin axis in Parkinson's Disease using <i>Drosophila melanogaster</i> as	International	Egyptian Journal of Medical Human Genetics	Scopus Indexed	2021	https://doi.org/10.1186/s43042-021-00208-2

		a Model Organism						
10	Vijaya Harini S, Indhuja J, Supriya V, V Deepa Parvathi	Nutrigenomics studies to explore antiaging: <i>Drosophila</i> approach.	International	Journal of Microbiology, Biotechnology and Food Sciences	Scopus Indexed	2021	https://doi.org/10.15414/jmbfs.4814	
11	Gatika Agrawal, V Deepa Parvathi and A Dharmarajan	Genetic Testing and Counselling for Cancer: Evolution, Future and Psychological Impact	International	Biomedical Journal of Scientific and Technical Research	Web of Science Indexed	2021	DOI: 10.26717/BJSTR.2021.39.006335	
12	Rachel HK, H Thamizhchelvan, V Deepa Parvathi	Nanocurcumin: Potential natural alkaloid against Oral Squamous Cell Carcinoma	International	Biomedical and Biotechnology Research Journal	Scopus Indexed	2021	DOI: 10.4103/bbrj.bbrj_102_21	
13	Sanjana Rajgopal, Sherine Joanna Fredrik, V Deepa Parvathi	CircRNAs: Insights into Gastric Cancer	International	Gastrointestinal Tumors	PubMed and Scopus Indexed	2021	DOI: 10.1159/000517303	
14	Abinaya Ramesh, Soumika Ghosal, Devaki Muralidharan, V Deepa Parvathi	Reviewing leads that promote apoptosis – cancer treatment strategies	International	Biomedical Journal of Scientific and Technical Research	Web of Science Indexed	2021	DOI: 10.26717/BJS TR.2021.36.005813	21-27
15	Preethi Thiagarajan, V Deepa Parvathi	Understanding the genetics of gastric and esophageal cancer by using <i>Drosophila melanogaster</i> as a model organism	International	Biomedical and Biotechnology Research Journal	Scopus Indexed	2020	10.4103/bbrj.bbrj_57_20	805 - 809
16	Pooja S Madavan,	Risk Assessment and Psychological	International	International	Scopus	2019	19(2)	111

	Jennifer Sally, Sushmashri C, Vanishree, V Deepa Parvathi	Implications of Genetic Counselling		Journal of Human Genetics	Indexed			-	120
17	V.Deepa Parvathi , Janani Boominathan, Swetha SridharKumar, Ravindran Sumitha	Induction and evaluation of inflammatory markers by zinc oxide nanoparticles: A comparative study using <i>in vitro</i> and <i>in vivo</i> approaches	International	Biomedical Research.	Scopus Indexed	2019	30(1)	1-5	
18	Ravindran Sumitha, V Deepa Parvathi , N Banu	Effect of sterol isolate from echinoderm <i>Stellaster equestris</i> on Zebra Fish (<i>Danio rerio</i>).	International	International Journal of Pharmaceutical Sciences and Research	Scopus Indexed	2019	10(7)	100-07	
19	Sumitha R, Banu N and Deepa Parvathi V.	Novel Natural Products from Marine Sea Stars.	International	Current trends in Biomedical engineering and biosciences.	Web of Science Google Scholar	2017	2(4)	01-05	
20	Deepa Parvathi V , Rajagopal K and Sumitha R	Standardization of alternative methods for nanogenotoxicity testing in <i>Drosophila melanogaster</i> using iron nanoparticles: a promising link to nano dosimetry	International	Journal of Nanotechnology	Scopus Indexed	2016		Article ID 2547467	
21	Saishree B, Saranya B, V Deepa Parvathi.	A Modified Method to Assay the Effects of Ethanol on the Behaviour of <i>Drosophila melanogaster</i>	International	Drosophila Information Service	Web of Science Google Scholar	2015	98	88-95	
22	V Deepa Parvathi , Kalyanarama	Synthesis, characterisation and <i>in vitro</i>	International	International Journal of	Scopus Indexed	2015	8	302-	

	n Rajagopal, Jalpan Pandya, Betty Lincoln, R Sumitha.	toxicity assessment of nano iron		nanoparticles				315
23	Gowri Rajesh R, Sofi Beaula, Bhavani, Hemadev, Venkatesh , Sathiya , Deepa Parvathi Venkatachalam , Ganesh Venkatraman	Bioactivity Studies of β -Lactam Derived Polycyclic Fused Pyrroli- Dine/Pyrrolizidine Derivatives in Dentistry: <i>In Vitro</i> , <i>In Vivo</i> and <i>In Silico</i> Studies	International	PLOS ONE	PubMed and Scopus Indexed	2015		DOI: 10.1371/jou rnal.pone.0 131433
24	V. Deepa Parvathi, Balasubram anian , Saranya, Sirisha Podila, Badrinarayan an, Saishree, S. Karthick Raja Namasivaya m	<i>In vivo</i> Toxicity assessment of Multi-Walled Carbon Nanotubes.	International	International Journal of Nanotechnology and Applications	Web of Science Indexed	2015	9	9- 21
25	Betty Lincoln, Akhil Menon, V Deepa Parvathi , Sumitha Ravindran	<i>In Vivo</i> Evaluation of Genotoxicity Of <i>Acorus Calamus</i> Mediated Silver Nanoparticles.	International	International Journal of Pharmaceutical Research and Bio-Science	Index Copernicus	2014	3(2)	126 - 132
26	Deepa Parvathi V and Rajagopal K	Nanotoxicology testing: Potential of <i>Drosophila</i> in toxicity assessment of nanomaterials.	International	International Journal of Nanoscience and Nanotechnology	Scopus Indexed	2014	5	25- 35
27	Sumitha R, Swarna Raman, Priyanka V and Deepa Parvathi V	<i>In vivo</i> and <i>In vitro</i> Genotoxicity Analysis of Silver Nitrate	International	<i>Drosophila</i> Information Service	Web of Science Google Scholar	2013	96	40- 46
28	Deepa Parvathi V	<i>In Vivo</i> testing for genotoxicity of	International	<i>Drosophila</i>	Web of	2012	95	42-

	and Swarna Raman	ethylmethane sulfonate (EMS) using <i>Drosophila melanogaster</i>		Information Service	Science Google Scholar			49
29	Deepa Parvathi V, Priyanka V, Swarna R and Akshaya S	Genotoxicity of Benzaldehyde in <i>Drosophila melanogaster</i> using the Wing Somatic Mutation and Recombination test (SMART) and protein profiling	International	International Journal of Medical and Clinical Research	Google Scholar	2012	3	195 - 198
30	Deepa Parvathi V, Priyanka V	Tumor induction studies in <i>Drosophila melanogaster</i> using tryptophan	International	International Journal of Medical and Clinical Research	Google Scholar	2011	2	23-28
31	Deepa Parvathi V, Mathangi R and Solomon FD Paul	Anthracycline (Epirubicin) induced mutation studies in <i>Drosophila melanogaster</i>	International	Drosophila Information Service	Web of Science Google Scholar	2011	94	53-61
32	Vijayalakshmi J, Koshy T, Kaur H, Mary AF, Selvi R, Deepa Parvathi V, Bhavani R, Jayanth V, Venkatachalam P, Paul SFD	Cytogenetics of Primary Amenorrhea	International	International Journal of Human Genetics	Scopus Indexed	2010	10	71-76
33	Maddaly Ravi, Sukanya Shyama Sundar, Kaavya Krishna Kumar, Deepa Parvathi.V and Solomon F. D. Paul.	Hybridoma Generation by <i>in vitro</i> Immunizations of Murine Splenocytes with Chinese Hamster Ovary Cell (CHO) Mitotic Cytosolic Proteins	International	<i>Hybridoma</i>	PubMed and Scopus Indexed	2007	26	311 - 315

34	Ravi M, Preetha B, Pai MG, Deepa Parvathi V , Ghosh S, Paul SFD	Optimizing premature chromosome condensation (PCC) of human lymphocytes by somatic cell hybridization to study primary DNA damages.	International	International Journal of Human Genetics	PubMed and Scopus Indexed	2006	7(4)	319 - 323
35	Ravi M, Deepa Parvathi V , Pai MG, Preetha B, Ghosh S, Paul SFD.	Polyclonal antibody mediated mitotic inhibition in Chinese hamster ovary (CHO) cells.	International	Journal of Cancer Research and Therapeutics	PubMed and Scopus Indexed	2006	2	126 - 128
36	Ravi M, Deepa Parvathi V , Pai MG, Preetha B, Ghosh S, Paul SFD	Evaluating homogeneity of cellular mitotic cytosolic protein antigens of Chinese Hamster Ovary (CHO), HeLa, Vero and Human lymphocyte cells.	International	International Journal of Cancer Research	Google Scholar	2006	4	420 - 423

National Journals

1	Padmini V Sekar; V. Deepa Parvathi and R Sumitha.	Isolation, Identification and Analysis of Novel Metabolites from Soil Samples (Microbial Co Culture) of Cardamom Plantations Western Ghats, India.	National	Research Journal of Pharmacy and Technology.	Scopus Indexed	2022	15(5)	195 3-195 9
2	Anuradha Ramesh, V. Deepa Parvathi	Prenatal Diagnosis: A Connotation on Genetic Counselling Being Indispensable	National	Indian Journal of Public Health	PubMed and Scopus Indexed	2020	64	83-85
3	Soundarya Ravinuthala, V. Deepa	Evolution of Eugenics: A Review Through History and the	National	Indian Journal of Genetics and Molecular	Web of Science	2019	8(2)	32-35

	Parvathi.	Role of Ethical Boundaries Today		Research	Index Copernicus			
4	Divyya R, Hafsa Subhani, Prashanth B, V Deepa Parvathi	Basic Guidelines of Genetic Counseling	National	Indian Journal of Genetics and Molecular Research	Web of Science Index Copernicus	2019	8(1)	47-52
5	Maheswari TM, Drisya U, Sathik S, Aparna, Krishna H, Anand S, V. Deepa Parvathi	Goals of Genetic Counseling	National	Sri Ramachandra Journal of Health Sciences	Google Scholar	2019	1	1-3
6	Sumitha R, Deepa Parvathi V and Banu N.	Cytotoxicity Assessment of Star Fish <i>Stellaster Equestris</i> Extracts on PA 1 celline	National	Research Journal of Pharmacy and Technology	Scopus Indexed	2017	10 (9)	285 1-285 6
7	Fahira Reshman, R Sumitha, V Deepa Parvathi	<i>In vivo</i> toxicity assessment of aspartame in <i>D.melanogaster</i> and <i>D. rerio</i>	National	Indian Journal of Science and Technology	Scopus Indexed	2015	8(34)	1-7
8	MZ Fahira Reshman, Sumitha R and Deepa Parvathi V	Genotoxic effect of Lead acetate on <i>Drosophila melanogaster</i>	National	Research Journal of Pharmaceutical, Biological and Chemical Sciences	PubMed and Scopus Indexed	2013	4	584 - 588
9	Deepa Parvathi V , Sumitha R and Swarna Raman	Evaluation of Genotoxicity of Ethyl Methane sulfonate (EMS) Using Human Lymphocytes	National	Research Journal of Pharmaceutical, Biological and Chemical Sciences	PubMed and Scopus Indexed	2013	4	708 - 714
10	Deepa Parvathi V , Mathangi R and Solomon FD Paul.	Study of GFP gene inheritance in <i>Drosophila melanogaster</i> .	National	Sri Ramachandra Journal of Medicine	Index Copernicus	2011	4	10-12

11	Deepa Parvathi V, Akshaya Amritha S, Mathangi, Swarna Raman and Solomon FD Paul	Wing Somatic Mutation and Recombination Test (SMART) in Drosophila	National	Advanced Biotech	Google Scholar	2011	10	22-24
12	Deepa Parvathi V, Akshaya Amritha S, Paul SFD	Wonder animal model for Genetic studies – <i>D. melanogaster</i> – Its lifecycle & Breeding methods – A Review	National	Sri Ramachandra Journal of Medicine:	Index Copernicus	2009	2	33-38
13	Ravi M, Deepa Parvathi V, Pai G, Ghosh S, Preetha B, Venkateswaran, Paul SFD	Human lymphocyte DNA condensation using mitotic extracts	National	Sri Ramachandra Journal of Medicine	Index Copernicus	2009	2	5-8
14	Deepa Parvathi V, Neeli S and Solomon FD Paul.	Genetics of Recurrent Spontaneous abortion	National	Advanced Biotech	Google Scholar	2008	-	16-20
15	Maddaly Ravi, Sukanya Shyama Sundar, Kaavya Krishna Kumar, Deepa Parvathi.V and Solomon F. D. Paul	Screening, Stabilization and Expansion Of Secretory Hybridomas In Culture As A Steady Source Of Monoclonal Antibodies (Mabs).	National	Sri Ramachandra Journal of Medicine	Index Copernicus	2007	1	32-38
16	Ravi M, Parvathi VD, Pai MG, Ghosh S, Preetha B, Paul SFD.	Labelling transformed mitotic cells with fluorescent antibody conjugate	National	Sri Ramachandra Journal of Medicine	Index Copernicus	2007	1	16-19

Publications (Books and Monographs):

S. No	Name of Author (s)	Title of Book	National/ International (Specify)	Publisher details	Year
1	V Deepa Parvathi, K. Rajagopal	A Practical manual on synthesis of Nanoparticles and its applications in biology	National	Digital age Publishers ISBN 978 93 84692 03 2	2017
2	V. Deepa Parvathi, R Sumitha, S Smitha.	Microbiology for Nurses.	National	Pearson Education ISBN 978-93-325-2527-6	2014
3	V. Deepa Parvathi	Genetics for Nurses	National	Pearson Education ISBN 978- 81- 317-6887- 7	2012
1	V. Deepa Parvathi, N Revathy.	Genotoxicity and Antigenotoxicity studies in <i>Drosophila melanogaster</i>	International	Lambert academic Publishing. ISBN 978-3-8484-2550-1	2012
2	Priyanka V, V Deepa Parvathi	Genotoxicity studies in <i>D. melanogaster</i>	International	Lambert academic Publishing. ISBN 978-3-8484-4625-4	2012
3	V Deepa Parvathi, Maddaly Ravi	Anti-mitotic polyclonal antibodies for mitotic inhibition	International	Lambert academic Publishing. ISBN 978-3-8484-2550-1	2012

Consultancy – UILIC- University Industry Linked Consultancy:

S.No.	Name of the candidate	Affiliation	Date and Year	Total Amount generated
1	Ms. Malathi Mahendran	VIT University	June 2013	Rs. 25,000/-
2	Ms. Pavitra	VIT University	June 2013	Rs. 25,000/-
3	Ms. Priyadarshini	VIT University	June 2013	Rs. 25,000/-
4	Ms. Stella Saren	VIT University	June 2013	Rs. 25,000/-
5	Ms S Keerthana	VIT University	09.12.2013	Rs. 22,472/-
6	Ms. B Saranya	Sathyabama University	21.01.2015	Rs. 22,472/-
7	Ms. Bhavana	Bharathiar University	17.07.2017	Rs. 32,585/-
8	Ms Abhinandini	Rajalakshmi Engineering College	22.11.2017	Rs. 22,472/-
9	Ms. Hema	VIT	June 2020	Rs. 11,300/-
10	Ms. Shalini	VIT	June 2020	Rs. 11,300/-
11	Mr.S. Sudharshan	University of Madras	Feb 2021	Rs. 23,600/-
12	Ms. Anuradha Ramesh	SRIHER	Jan 2022	Rs.11, 800/-

13	Ms. Neha Muralidharan	Anna University	March 2022	Rs.29, 500/-
14	Ms. Aishwarya Pathri	Temple University, USA	May 2022	\$ 472 and Rs. 47,200/-
15	Ms. Ajmitra	Anna University	June 2022	Rs. 23,600/-

Membership in University Committees:

- Treasurer –Alumni Association of Sri Ramachandra Institute of Higher Education and Research
- Managing Editor – Bridges – University News Letter
- Member – Education Unit II, SRIHER
- Member- CQC- FBMSTR

Clinical Focus:

Was part of the diagnostic team of Department of Human Genetics in handling Cytogenetics and molecular cytogenetics (FISH) tests in Prenatal diagnosis and Cancer Cytogenetics between 2014-2019

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<https://publons.com/researcher/3867955/venkatachalam-deepa-parvathi/>