

# GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation



☎ 0435 – 2401391

✉ principal@gcwk.ac.in



## DEPARTMENT OF ZOOLOGY

Professional Ethics-PE, Gender-G, Human Values –HV, Environment and Sustainability- E&S

2022-2023

S.No	Name of the students	Title of the project	Cross Cutting Issue Addressed
1.	Aarthy. K	Study Of Biomass Enzyme Activity Of Lampito Marurittii Kindergarten During Vermicomposting Of Couropita Guianensis using Leaves (Annelida:Oligocheta)	E&S
2.	Abina. B	Effect Of Different Terminalia Catappa Leaves Media On The Growth And Cocoon Production Of Eudrilus Eugeniae	E&S
3.	Banumathi. P	Studies Of Food And Feeding Habits Of Indian Mackerel, Rastrelliger Kanagurata(Cuvier1816), Akkaraipettai Coastal Waters, Southeast Coast Of India	E&S
4.	Bharatha Priya. S	Biosynthesis Of Silver Nanoparticles Using Digeria Muricata Against The Dengue Vector Aedes Aegypti	E&S
5.	Dharani. V	The Comparative Biochemical Analysis Of Unifloral From Honey Of Hibiscus And Tulsia Origin	E&S
6.	Gayathri. G	Studies Of Food And Feeding Habits Of Red Snapper Lutjanus Campechanus (1860) In Akkaraipettai Coastal Waters, Southeast Coast Of India Tamil Nadu	E&S
7.	Karparatchambigai. S	Biosynthesis Of Silver Nanoparticles Using Pumpkin Seeds (Cucurbita Pepo) Extract Assisted Antibacterial Activity And Characterization	E&S
8.	Karthika. N	Biosynthesis And Characterization Of Silver Nanoparticles Using Cucurbita Pepo Seeds And Analysis Of Their Antifungal Activity	E&S
9.	Kokilavani. K	Efficacy Of Edta Against Mercuric Chloride Induced Behavioral Changes In The Fresh Water Fish Labeo Rohita (Hamilton)	E&S
10.	Maheswari. V	Evaluation Of The Selected Plants And Their Impacts On Pest Control (Callosobruchus Maculatus)	E&S
11.	Nithya. N	Culture Of Epigenic Earthworm Eisenia Fetida Under Bermuda Grass Wastes And Effects Of Bermuda Grass Vermicompost On The Growth Of Ladies Finger Plant	E&S
12.	Sathya. V	Pollen And Biochemical Analysis Of Honey Samples	E&S



  
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13.	Subalakshmi. R	Effects Of The Selected Plant Powders For Controlling Stored Grain Pest Rice Weevil ( <i>Sitophilus Oryzae</i> )	E&S
14.	Surya. K	Effectiveness Of Glutathione Against Mercuric Chloride Induced Effect In Fresh Water Fish <i>Labeo Rohita</i> (Hamilton)	E&S
15.	Uma. J	Mosquito Larvicidal Efficacy Of <i>Digera Muricata</i> Plant Extracts Against Zika Virus Vector <i>Aedes Albopictus</i>	E&S
16.	Vanitha. A	Biomass, Microbial Population And Nutrient Analysis Of Vermicomposting Of Leaf Litters By Using Indian Earthworm <i>I. Maruriti</i> (Kinberg) (Annelida:Oligocheta)	E&S
<b>2021-2022</b>			
17.	R. AKILA	Comparative Study On Birds Abundance Of Various Ecosystem	E&S
18.	S.ANNAPOORANI	Larvicidal Effects Of <i>Calendula Officinalis</i> (Asteraceae) Leaf Extracts On The Malaria Vector <i>Anopheles Stephens</i> (Diptera:Culicidae)	E&S
19.	K. ATCHAYA	a Study On The Growth And Cocoon Production Of <i>Eudrilus Eugeniae</i> Cultured In Different <i>Thespesia Populnea</i> Leaves Waste Media	E&S
20.	R. GUNAVATHI	a Comparative Study On Population Density Of Black Kite ( <i>Milvus Migrans</i> ) And Brahminy Kite ( <i>Haciastur Indus</i> ) In Different Habitat At Tamil Nadu, India	E&S
21.	N.HARIPRIYA	Biosynthesis And Characterization Of Iron Oxide Nanoparticle Using <i>Helianthus Annuus</i> Seeds And Analysis Of Their Antifungal Activity	E&S
22.	K.JASMINE BEGAM	Studies On Length Weight Relationship Of Crab, <i>Portunus Sanguinolentus</i> (Herbst, 1783), In Nagapattinam Coastal Waters Southeast Coast Of India.	E&S
23.	T. KEERTHI	Studies On Length Weight Relationship Of Fish, <i>Sillago Seham</i> (Forsskal, 1775) In Nagapattinam Coastal Waters, Southeast Coast Of India	E&S
24.	R.KIRUTHIGA	Role Of Leaf Extract Of <i>Carica Papaya</i> (Linn.) Against Mercuric Chloride Induced Nephrotoxicity In Fresh Water Fish <i>Labeo Rohita</i> (Hamilton)	E&S



  
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S.No	Name of the students	Title of the project	Cross Cutting Issue Addressed
25.	K.LAVANYA	<i>Helianthus Annuus</i> Seeds Extract Assisted Bio Synthesis Of Iron Nanoparticles Characterisation And Antibacterial Study	E&S
26.	K.MONIKA	Efficacy Of <i>Matricaria Chamomilla</i> (Asteraceae) Essential Oil Against Filarisis Vector <i>Culex Quinque Fasciatus</i> (Dipterial: Culicidae)	E&S
27.	J.MONISHA	Toxic Effect Of Thiachlopid On Digestive Enzymes Of, <i>Lampito Mauritii</i> (Kinberg) Gut And Nutritive Value Of Vermicompost (Annelida: Oiochaeta)	E&S
28.	T. MONISHA	The Utilization Of <i>Asystasia Gangetica</i> In Green Synthesis Of Silver Nanoparticles To Combat The Dengue Vector <i>Aedees Albopictus</i>	E&S
29.	S.NARMATHA	Bacterial Diversity In The Gut Of Earthworms Dissimilar Kinds Of Soil	E&S
30.	P.PAVITHRA	Hematological Studies Of The Freshwater Zooplankton <i>Macrocylops Edax</i>	E&S
31.	R.RAJALAKSHMI	Antibacterial Properties Of <i>Channa Striatus</i> Mucus Strabilized Iorn Oxide Nanoparticles Against Freshwater Pathogens	E&S
32.	R.R.RAJESHWARI	a Study On The Growth And Cocoon Production Of <i>Eisenia Fetida</i> Cultured In Different Banana Leaves Waste Media	E&S
33.	R.R.RAMYA	Vermicompost Of Banana Leaves Using An Indian Earthworm <i>Lampito Mauritii</i> (Kinberg) (Annelida: Oligocheta)	E&S
34.	R.SHANUMUGAPRIYA	Antibacterial Activity Of <i>Pila Globosa</i> Mucus Stabilized Iron Oxide Nanoparticles Against Fresh Water Pathogens	E&S
35.	K.SUBASHINI	Hematological Studies Of The Freshwater Zooplankton <i>Thermocyclops Hyalinus</i>	E&S
36.	S.SUVETHA	Studieds On Length And Weight Relationship Of White Shrimp, <i>Penaeus Indicus</i> (h. Milne, Edward, 1837) In Nagapattinam Coastal Waters, Southeast Coast Of India	E&S
37.	V.VANISRI	Comparive Of Bioactivity Of <i>Trigonella Fornum Adhelianthus Annuus</i> Sprouts Grown By Aquaponics	E&S
38.	M.VINOTHINI	Toxicity Of Thiachlopid (Insecticide) On Biomass, Bacterial And Fungal Population Of An Indian Earthworm, <i>Lampito Mauritii</i> (Kinberg) (Annelida; Oligochaeta)	E&S



  
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39.	S. VINOTHINI	Influence Of Leaf Extract Of <i>Carica Papaya</i> (Linn.) Against Mercuric Chloride Induced Toxicity In Liver Tissue Of Fresh Water Fish <i>Labeo Rohita</i> (Hamilton)	E&S
<b>2020-2021</b>			
40.	E. ARULNISHA	Acute Toxicity And Bacterial Population Study Of Pretilachlor On Indian Earthworm, <i>Lampito Mauritii</i> (Kinberg) (Annelida: Oligocheta)	E&S
41.	R. ATCHAYA	Studies On Proximate Composition Of Muscle, Intestine, And Hepatopancreas In Shrimp, <i>Penaeus Monodon</i> (Fabricius, 1798)	E&S
42.	A. BASIL FRANKO	Vermicompost Of Teak Leaves Using An Indian Earthworm <i>Lampito Mauritii</i> (Kinberg) (Annelida: Oligocheta)	E&S
43.	R. DAYANA	Study On Biodiversity Of <i>Funna</i> Observed From College Campus Of Government College For Women (A) Kumbakonam, Thanjavur District, Tamil Nadu, India	E&S
44.	V. DURGADEVI	A Case Study On Bird Abundance Of Agro Ecosystem In Puhupadaiyur Village, Thanjavur District, Tamil Nadu	E&S
45.	V. GIRIJA	Green Synthesis And Characterization Of Silver Nanoparticles Using <i>Capparis Zeylanica</i> Against Dengue Vector <i>Aedes Albopictus</i>	E&S
46.	S. GOWRI	Larvicidal Activity Of <i>Croton Bonplandianus</i> Baill. (Euphorbiaceae) Leaf Extracts On The Malaria Vector <i>Anopheles Subpictus</i> (Diptera:Culicidae)	E&S
47.	J. JOHN MECIYA	Effect Of ZnO/ SiO <sub>2</sub> Nanocomposite Against <i>Aedes Aegypti</i> Mosquito Vector	E&S
48.	J. JOHN STEPHINA	Studies On Decolorisation Of Waste Using <i>Octimum Tenuiflorum</i> And <i>Hemidesmus Indicus</i> Activated Carbon	E&S
49.	D. NITHYA	Amphibians Abundance In Water Bodies Of Thiruchirai Village, Thanjavur District, Tamil Nadu	E&S
50.			
51.	V. ROJAMARY	Studies On Biochemical Properties Of Muscle, Liver And Kidney In Finfish, <i>Mugil Cephalus</i> (Linnaeus, 1758)	E&S
52.	B. SAVITHIRI	Effect Of Different Tea Powder Waste Media On The Growth And Cocoon Production Of <i>Eisenia Fetida</i>	E&S



  
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53.	R. SENTHOORIYA	Effect Of Mercuric Chloride On Blood Components Of Fresh Water Fish <i>Labio Rohita</i> (Ham.)	E&S
54.	R. SINDHUJA	Studies On The Green Synthesis Of Mg Doped Zns Nanoparticles On Fresh Water Fish <i>Oreochromis Mossambicus</i>	E&S
55.	G. SOFIKA	Mosquito Larvicidal Activity Of Aromatic Ginger <i>Kaempferia Galangal</i> L. (Zingiberaceae) Essential Oil Against Filariasis Vector <i>Culex Quinquefasciatus</i> (Dipteria: Culicidae)	E&S
56.	V. SUGANYA	Effect Of Population Density On Growth, Reproduction, Survival And Biochemical Composition Of The Fresh Water <i>Diaphnasoma Brachyurum</i> (Korovchinsky N.M)	E&S
57.	S. VARSHA	Effect Of Different <i>Mangifera Indica</i> Leaves Media On The Growth And Cocoon Production Of <i>Dudrilus Eugeniae</i>	E&S
58.	S. YUVARANI	Toxic Effect Of Insecticide, Profenofos On The Biomass Of An Indian Earthworm, <i>Lampito Mauritii</i> (Kinberg) (Annelida: Oligochaeta)	E&S
<b>2019-2020</b>			
59.	B. Aarthi	Heamatological Studies Of Freshwater Fish <i>Labeo Rohita</i> (Hamilton) Exposed To Different Median Leathal Concentration Of Mercuric Chloride	E&S
60.	P. Akila	Studies On Macrobenthic Form Distribution In Vailankanni Coastal Water, Southeast Coastal Of India	E&S
61.	K. Elakkiya	Biogenic Fabrication And Characterization Of Silver Nanoparticles Using <i>Oxalis Debilis</i> (Oxalidaceae) Against Mosquito Vectors	E&S
62.	B. Jayapriya	Studies On The Biodiversity Of Fresh Water Fishes From Lower Anaikarai Dam, Tamil Nadi, India	E&S
63.	M. Kaviya	Invitro Evaluation Of Antioxident Properties Of Collagen From Marine Fish, Red Banded Sanpper ( <i>Lutjanus Argentimaculatus</i> )	E&S
64.	B. Meena	Effect Of Cow Urine And Its Compination With Neem Extract On Antibacterial Activities Against Fish Pathogens	E&S
65.	G. Nila	Health Status Of Narikuravas Community ( Women & Girl Child) In Ezhumaanthidal Village In Tamil Nadu	G



  
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66.	S. Nisha	Studies On The Flying Fish <i>Exocoetus Volitans</i> Linnaeus Nagapattinum Southeast Coast Of India	E&S
67.	R. Praveena	Optimization Of Hemocytes Lysate Separation Fresh Water Copepods	E&S
68.	N. Priya	Studies On The Environmental Influence With Foraminiferan Species Distribution In Kodyakarai Coastal Water, Southeast Coast Of India	E&S
69.	S. Priyanka	Comparative Study On Avifaunal Diversity And Around Kumbakonam, Thanjavur District, Tamil Nadu, India	E&S
70.	M. Renuga	Toxicity Effect Of Nominee Gold On Biomass And Reproductivity Ability Of Indian Earthworm, <i>Lamto Maurittii</i> (Kinberg) (Annelida: Oligochaeta)	E&S
71.	S. Renuka Devi	Mosquito Larvicidal Potential Of <i>Oxalis Corniculata</i> L. Extract Against The Denque Vector <i>Aedes Aegypti</i> L. (Diptera : Culicidae)	E&S
72.	S. Roopanandhini	Call Back Sparrow For Conservation In And Around Kumbakonam, Thanjavur District, Tamil Nadu, India	E&S
73.	A Saranya	Monocrotophos Induced Biochemical Alteration In The Indian Major Crap <i>Labeo Rohita</i>	E&S
74.	J. Suganya	Isolation And Partial Characterization Of Collagen From Fresh Water Fish Scales, <i>Labeo Rohita</i> .	E&S
75.	S. Vijayalakshmi	Effect Of Vermicompost On The Growth And Yield Of Brinjal Plant	E&S
<b>2018-2019</b>			
76.	A. Abinayasundari	Isolation, Purification And Characterization Of Chitin From Marine Long - Eyed Swimming Crab <i>Decapoda Scyllarus</i> Fabricius 1798.	E&S
77.	M. Akila	Effect Of Coffee And Tea Ground Waste On Earthworm Biomass, Physico- Chemical Properties Of Vermicompost And Plant Growth	E&S
78.	D. Akilandeshwari	Low Cost And Ecofriendly Evaluation Of <i>Smilax Zeylanica</i> L. (Family: Smilacaceae) Extract Against The Denque Vector <i>Aedes Aegypti</i> L. (Diptera, Culicidae)	E&S



  
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79.	J. Chandraleka	Studies On The Silver Pomfret, <i>Pomus Argenteus</i> (Euphrasen 1788), Nagapattinam, South East Coast Of India.	E&S
80.	R. Devika	Effect Of Mercuric Chloride And The Infuence Bioenzymological Studies On Fish <i>Labio Rohita</i> (Ham.)	E&S
81.	M. Manjula	Evaluation Of Antimicrobial Activity Of Cow Urine With Neem ( <i>Azadirachta Indica</i> ) Extract On Pathogenic Fish Microbial Strains	E&S
82.	S. Mythili	Studies On The Rohu Fish, <i>Labeo Rohita</i> (Hamilton, 1822) From Fish Form, Swamimalai, Thanjavur District.	E&S
83.	M. Priya	Effect Of Duration Of Exposure For Gircud Treatment On The Copepod Population Density	E&S
84.	K. Sathyabama	Studies On Species Distribution And Diversity Of Earthwoarm In Mathampettai Palur Village, Ariyalur District, Tamil Nadu	E&S
85.	G. Shamini	Comparative Studies Of Antibacterial Activity Of Arganic Turmeric And Aachi Turmeric Against Selected Fish Pathogens	E&S
86.	S. Sita	Antibacterial Activity Of Selected Herbal <i>Azadirata Indica</i> And <i>Melia Azedarach</i> Against Fish Pathogen	E&S
87.	S. Sowndarya	Impact Of Kumbakonam Aye Kulam Lake Water On Biochemical Changes Of Fresh Water Fish <i>Labeo Rohita</i>	E&S
88.	V. Subhasri	Effect Of Different Concentration Of Gir Cud On Enhancing The Copepod Population Density	E&S
89.	S. Suganya	Studies On Length Weight Relationship Of Grow Out And Coose Shell Affected Citopenaeus Vannamei Low Salinity Water From Tamil Nadu, India.	E&S
90.	P. Vijayalakshmi	Studies In Biochemical Compositions Of Earthworm Lampito Maruitii In Kumbakonam Region Tamil Nadu.	E&S
91.	P. Vijayalakshmi	Growth Promoting Effect Of Cow Urine With Occimum Sanctum Of Different Breads Of <i>Labeo Rohita</i>	E&S
92.	B. Vijitha	Culture Of Epigenic Earthworm Eisenia Fetida Under Greengram Wastes And Effects Of Greengram Vermicompost On The Growth And Yield Of Okra Plant ( <i>Abelmoschus Esculentus</i> )	E&S



  
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