

GOVERNMENT ARTS COLLEGE (AUTONOMOUS), COIMBATORE – 18

PERFORMANCE – TEACHER APPRAISAL REPORT

1.PERSONAL INFORMATION

NAME : DR. P. S. SUJATHA
ADDRESS : G-25, BLOCK – A,
PHASE – I,
SREE DAKSHA SANSHRAY
APARTMENTS, THOUNDAMUTHUR
ROAD, COIMBATORE – 46.
DESIGNATION : ASSOCIATE PROFESSOR
DEPARTMENT : ZOOLOGY
DATE OF BIRTH : 25.05.1974
AREA OF SPECIALIZATION: TOXICOLOGY



A) Academic Qualifications

S.NO	EXAM PASSED	SUBJECTS	BOARD/ UNIVERSITY	YEAR	DIVISION/ GRADE
1.	High School	State Board	SSLC	1990	I Class
2.	Higher Secondary	Science	HSE	1992	I Class
3.	Bachelor's Degree (S)	Zoology	University of Madras	1996	I Class
4.	Master's Degree (S)	Zoology	University of Madras	1998	I Class
5.	Research Degree (S) M.Phil. PhD	Zoology Entomology Toxicology	Annamalai University Bharathiar University	2004 2017	I Class Highly Commended
6.	Other Diploma / Certificate etc. DISM Visual Basic Basic Course in Bio – medical Research	Diploma in System Management VB BCBR	IGNOU APTECH SWAYAM	1999 2000 2023	I Class Distinction I Class

ii). Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	Elephantiasis	Annamalai University
Ph. D.	Chelating Properties of <i>Delonixelata</i> on Antioxidant Potential and Ultrastructural Toxicity in the Freshwater Fish <i>Labeo rohita</i> (Hamilton)	Bharathiar University
Post-Doctoral	Nil	
Publications (give a list separately)	Annexure - I	
Research Guidance (give names of students guided successfully)	Annexure – II	
Training (please specify)	Annexure - III	

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
1	Zero Waste Compost – A study on composting of garden and food waste into organic manure by using effective vermins	TANSCHÉ	1 Year	Completed
2	Wound Healing Properties of Corosolic Acid Isolated from Acetone Extracts of <i>Lagerstroemia Speciosa</i> (L.) Pers Flower's"	TANSCHÉ	1 Year	Completed

C). Seminars, Conferences, Symposia Workshops etc. attended (If necessary, give a separate list)

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
Annexure - IV		

iii) Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
iv) UG (BA / B.Sc., etc. Pass) (BA / B.Sc., etc. Hons.)	DKM College	9 Years 3 Months
	Govt. Arts College, TV Malai	13.10.2008 – 15.08.2010
	Govt. Arts College, Coimbatore	16.08.2010 – Till date
v) PG (MA / M.Sc., etc.)	DKM College	5 Years
	Govt. Arts College, Coimbatore	14 Years
vi) M. Phil.		12 Years
vii) Any other – Research		12 years

Total Teaching Experience (in years and months) :

a) Under-graduate (Pass) : 23 Years

b) Under-graduate (Hons.) : NA

c) Post-graduate : 14 Years

viii) Innovations/ Contributions in Teaching (If necessary give a separate list)

a) Design of Curriculum :	Setting of syllabus with reference to University
b) Teaching methods :	Lecture method, audio visual presentation, assignment and seminar methods
c) Laboratory experiments :	Conducting regular practical's for UG & PG students
d) Evaluation methods :	Conducting tests, seminars, assignments, questioning methods
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Preparing resource materials in native language
f) Remedial Teaching / Student Counseling (academic) :	Special attention given to slow learners
g) Any other :	Tutorial system

ix) Extension Work/ Community Service (If necessary give a separate list)

a) Please give a short account of your contribution to:

- i. Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc.
- ii. National Literacy Mission
- iii. Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity
- iv. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Government Arts College, Coimbatore
b) Co-curricular Activities	Eco Club
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Deputy warden PG Girl's Hostel
d) Students Welfare and Discipline	Disciplinary Committee Member
e) Membership / Participation in Bodies / Committees on Education and National Development	Board of Studies Hostel Well Fare Committee
f) Professional Organization of Teachers	Parents Teachers Association and OSA

E. Membership of Professional Bodies, Societies etc.

- i. International Science Council (ISE)
- ii. The Indian Science Congress Association (ISCA)
- iii. Organizing Committee Member – 2nd Pharma Summit. Drug Discovery and & Community Trail. 04th and 05th December 2023, Dubai, UAE.

F. Editorship of Journals

- i. American Journal of Biomedical and Life Sciences (AJBLS)

G. Any other information

- I. **Book chapter** – “Tannins- Biological Significance, New perspectives and applications” – No. 11086078, Intech open, the world's leading publisher of open accesses books, London, UK.
- II. **Awards** – Annexure - V

P. S. SUJATHA

Associate Professor

Annexure - I

INTERNATIONAL PAPER PUBLICATION

1. **P.S Sujatha**, and Pavithran. S (2023). Anti-microbial evaluation of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) Ethanolic extract of Leaf, Flower and Seed- In vitro studies. **Research Journal of Agricultural Sciences**, 14(1): 200-203.
2. **P.S Sujatha**, Nivetha N, Pavithran S, and Ganesan G, (2023). “Growth Rate and Biochemical Traits of Broiler chicks as affected by Commercial Diet Density, Seed Supplementation of *Lagerstroemia speciosa* and *Nigella sativa*” **Asian Journal of Research in Zoology**, 2023/AJRIZ/104286.
3. **Dr. P. S. Sujatha**, Keerthana. R, Pavithran S, Ganesan G, and Karthik. M (2023). Growth and Reproduction Rate of *Eisenia fetida*, using *Lagerstroemia speciosa* and Waste Disposable Face Masks to Test the NPK Level of the Compost.
4. **Dr. P. S. Sujatha**, Oviya R, Pavithran S, Ganesan G, Karthik M, and Maivizhi V (2023). Qualitative Analysis of *Lagerstroemia speciosa* and Evaluation of Repellant Activity and Mortality Rate of *Haemadipsa sylvestris* (BLANCHARD, 1894). International Journal of Science Academic Research, 4(9): 6238-6241.
5. **Dr. P. S. Sujatha**, Hari Krishan P.B, Pavithran S, Ganesan G, Karthik M, and Maivizhi V. (2023). Anti-Microbial Properties of Corosolic Acid from Acetone Leaf Extracts of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) on Excision Wound Microbes. World Journal of Pharmacy and Pharmaceutical Sciences, 12(9): 2489-2497.
6. **Dr. P. S. Sujatha** and Karthik M. (2023). Phytochemistry, Pharmacology, and Traditional Uses of Valoneic Acid: A Review. European Journal of Biomedical and Pharmaceutical Sciences, Volume 10, Issue 9, 40-42.
7. **Sujatha. P. S**, and Ganesan. G. (2023). Antioxidant and hypercholesterolemia effects of *Lagerstroemia speciosa* ethanolic green and red leaf extracts against lauric acid and ketogenic diets in female albino rats.
8. **Sujatha P S.*** and Pavithran. S (2022). Evaluation of anti-inflammatory properties of ethanolic leaf, flower and seed extracts of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) against carrageenan-induced acute inflammation in albino rats. **Journal of Advanced Scientific Research**, 13(9): 48-53.
9. **Sujatha P S.*** Pavithran. S (2022). Phyto-pharmacological activities and GC MS studies on ethanolic leaf, flower and seed extracts of *Lagerstroemia speciosa* (L.) Pers (Lythraceae). **European Journal of Biomedical and Pharmaceutical Sciences**, 9(11): 282-288.

10. **P. S. Sujatha**, D Rashika, S Keerthika, R S Mohanraj, and M Saranya, (2022). Oviposition deterrent efficacies of *Terminalia catappa* Linn. (Combretaceae) methanol and acetone leaf extracts against *Aedes aegypti* (Diptera: Culicidae). **International Journal of Entomology Research**, Volume 7, Issue 8, 2022, Page No. 153-159.
11. **Sujatha P.S**, and Pugazhendy, K. (2013). Chelating properties of *Denolex elata* on Haematological parameters against exposed to cadmium toxicity in the Fresh water fish *Labeo rohita* (HAMILTAN). **International journal of Current Research, ISSN: 0975-833x**.
12. **Sujatha P.S**, and Pugazhendy, K. (2013). Protective role of *Denolex elata* against the cadmium toxicity in the glutathione peroxidase (GPX) in the fresh water fish *Labeo rohita* (HAMILTAN) **International Journal of Development Research, ISSN: 2230-9926**.

NATIONAL LEVEL PAPER PUBLICATION

1. **Sujatha P.S**, and Pavithran. S. (2023). Wound contraction activity of Honey, Rizome of *Curcuma longa* and aqueous leaf extracts of *Lagerstroemia speciosa* on Excision wound induced in experimental albino rats - Pawlin Vasanthi Joseph - 978- 93- 5777-124-5.
2. **Sujatha. P. S**, and Ganesan. G. (2023). Anti-Hyperlipidaemia effect of *Lagerstroemia speciosa* ethanolic leaf extract against a High-Calorie Diet on albino rats - **ISBN No. 978-93-5777-124-5**.
3. **Sujatha P. S**, and Maivizhi. M. (2023). Phytochemical Evaluation of acetone leaf extract of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) - National Conference on Harnessing Biology for Sustainable Development - - 978- 93- 5777- 124-5.
4. **Sujatha P. S**, and Pavithran. S. (2023). “Histopathological assessment of excision wound healing activities of *Lagerstroemia speciosa* ethanolic extracts of leaf, flower, and seed in tissue sampling biopsy of Male Albino rats” – Advanced Biocompatible Materials and Devices /Systems for Biomedical Application (ABMDB - 2023) – Organized by the Department of physics and Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu.
5. **Sujatha. P. S**, Ganesan. G. (2023). “Anti - Obesity Effects of *Lagerstroemia speciosa* Ethanolic Green and Red Leaf Extracts against Caprylic Acid and A High - Fat Diet in the Albino Rat” - Advanced Biocompatible Materials and Devices /Systems for Biomedical Application (ABMDB - 2023) – Organized by the Department of physics and Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu.

6. **Sujatha P. S,** and Maivizhi. M. (2023). “Phyto Chemical Analysis, Identification, Isolation, And Biological Activity of Ellagitannin from Acetone Leaf Extracts of *Lagerstroemia speciosa* (L.) Pers (LYTHRACEAE)” - Advanced Biocompatible Materials and Devices /Systems for Biomedical Application (ABMDB - 2023) – Organized by the Department of physics and Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu.
7. **Sujatha. P. S,** and Karthik. M. (2023). “Phytochemistry, Pharmacology, And Traditional Uses of Valoneic Acid: A Review” - Advanced Biocompatible Materials and Devices /Systems for Biomedical Application (ABMDB - 2023) – Organized by the Department of physics and Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu.
8. **Sujatha P.S.* (2013)** “The Utilization of Activated Carbon for the preparation of Vermicompost and its Effect on the level of Soil Nutrients” National Conference on Conservation and Invention of below Ground Biodiversity – BIOTA -2013, Department of Zoology, Kongunadu Arts and Science College, Coimbatore, Tamil Nadu.
9. **Sujatha P.S.* (2012)** “Evaluation of oxidative Stress Responses and Neurotoxicity potential of Atrazine – *Labio rohita*” National Conference on Environment, Biodiversity and Bioethics – Current Trends and Future Perspectives, Department of Zoology, Annamalai University, Tamil Nadu.

Annexure - II

Research Guidance

Ph. D Zoology

Sl. No	Name of the Ph. D Scholars (FT)	Name of the University	Broad Field	Registration Number	Year of Registration	Status
1	S. Pavithran	Bharathiar	Toxicology	31475/B6/2018	2018	Completed
2	G. Ganesan	Bharathiar	Toxicology	22714/B5/2019	2019	Ongoing
3	M. Karthik	Bharathiar	Toxicology	22714/B5/2019	2019	Ongoing
4	V. Maivizhi	Bharathiar	Toxicology	21309/B5/2020	2020	Ongoing

MASTER OF PHILOSOPHY

1. (2021) - “Evaluation of Repellent Activities of *Lagerstroemia speciosa* (L) Pers (Lythraceae) Leaf Extracts used against *Oecophylla smaragdina* (Fabricius, 1775) (Hymenoptera: Formicidae)” – Karthiyayini.N (Reg. No. 2018R0173) and **Sujatha P.S.** *
2. (2018) - “Hepato Protective Effect of *Lagerstroemia speciosa* Leaf extract against Weight Gainer as a Dietary supplements caused by Acute Liver Failure in Male Albino Rat” – P. Saravana Kumar and **Sujatha P.S.** *
3. (2018) – “Ellagitannins, Ellagic Acid and their derived metabolites from *Lagerstroemia speciosa* (L) Pers (Lythraceae) used as a Growth Promotor in Fresh Water Prawn (*Macrobrachium rosenbergii*) (DE MAN) Culture”. – S. John Basha (Reg. No. 2015PR0161) and **Sujatha P.S.** *
4. (2018) – “Comparison of Commercial and Supplementary Feeding on Growth performance of Indian Major Carps *Catla catla* and *Labeo rohita*” – Nisha. T (Reg. No. 2016R0371) and **Sujatha P.S.** *
5. (2017) – “Influence of Feeding Frequency on Feed intake, Growth performance and Nutrient utilization in Fresh Water Prawn fed Pelleted or Extruded Diets”. - P. Kannan (Reg. No 2015R378) and **Sujatha P.S.** *
6. (2016) – “The Role of Probiotics in the Amelioration of adverse drug reactions in the Liver of Rats caused by the administration of the Antibiotics” – K.M. Indira (Reg. No. 2013PR224) and **Sujatha P.S.** *

POST GRADUATE PROJECTS

1. 2023

- a) Growth rate and Immune response of Broiler Chicks as affected by Commercial Diet Density, Seed Supplementation of *Lagerstroemia speciosa* and *Nigella sativa* – N. Nivetha (REG. No. 21MZO312) and **Sujatha P.S.** *
- b) Effects of Vermin’s used for degradation of unused facemask into five different compost media – R. Keerthana (REG. No. 21MZO309) and **Sujatha P.S.** *
- c) Repellent activity and Mortality Rate of *Lagerstroemia speciosa* on *Haemadipsa sylvestris* (Blanchard, 1894) – R. Oviya (REG. No. 21MZO313) and **Sujatha P.S.** *
- d) Anti – Microbial properties of corosolic acid isolated from acetone leaf extracts of *Lagerstroemia speciosa* (L.) pers on Excision Wound Pus Cells – P.B. Hari Krishnan (REG. No. 21MZO319) and **Sujatha P.S.** *

- e) Wound healing effect of furfural and pentadecanal from *Lagerstroemia speciosa* (L) pers acetone flower extracts against *Haemadipsa sylvestris* (Blanchard, 1894) Bite – S. Jansi (REG. No. 21MZO308) and **Sujatha P.S.***

2. 2022

- a. Anti- cholesterol effect of methanolic leaf extract of *Lagerstroemia speciosa* (L) pers (Lythraceae) against cod liver oil and virgin coconut oil ingested to Albino Rats – D. Nivethaa (20MZO309) and **Sujatha P.S.***
- b. Anticalciuria effect of methanolic root extract of *Lagerstroemia speciosa* (L) pers (Lythraceae) against high protein diet ingested in Albino Rats – T. Amit (20MZO315) and **Sujatha P.S.***
- c. Anti- cholesterol effect of methanolic leaf extract of *Lagerstroemia speciosa* (L) pers (Lythraceae) against *Juncus cardiacus* syrup oil ingested to Albino Rats – A. Bensheena (20MZO303) and **Sujatha P.S.***

3. 2021

- a. Hepatoprotective Activity of Corosolic Acid Isolated from *Lagerstroemia Speciosa* (L. Pers) Against Cancer Induced in Experimental Animal – Punitha and **Sujatha P.S.***
- b. Antimicrobial Screening of Ethanolic Leaf Extract of *Lagerstroemia Speciosa* L. Pers (Lythraceae) Against Hand Microbes to Identify the Finger pad Methods – Case Study - M. Chandru (Reg.No: 19MZO320) and **Sujatha P.S.***
- c. Anti- Inflammatory Role of Flavonoids Isolated from *Lagerstroemia Speciosa* L. (Pers) Against Asymptomatic Rhinovirus in Experimental Animal - A. Agalya and **Sujatha P.S.***

4. 2020

- a. Antimicrobial activities of *Lagerstroemia speciosa* (L) pers (Lythraceae) ethanol seed extract against *Pseudomonas aeruginosa* on *Anabus testudines* – S. Manimegalai (18MZO308) and Sujatha P.S.*
- b. Antimicrobial activities of *Lagerstroemia speciosa* (L) pers (Lythraceae) ethanol seed extract against *Aspergillus flavus* on *Anabus testudines* – A. Sathiyajothi (18MZO314) and Sujatha P.S.*

5. 2019

- a. Evaluation of Oviposition and Developmental Effects of *Lagerstroemia speciosa* (L) pers (Lythraceae) ethanolic leaf extract against Human Zika Virus Vector *Aedes aegypti* (Diptera :Culicidae) – D. Reshma Sherly (REG. No. 17MZO308) and **Sujatha P.S.***

- b. Anti-diabetic, Anti- obesity and the Antimicrobial screening of ethanolic extract of *Lagerstroemia speciosa* (L) pers (Lythraceae) against Escherichia coli Induced Female Albino Rat – G. Ganesan (17MZO314) and **Sujatha P.S.***

6. 2018

- a. Growth and Reproduction of *Lamito mauritii* in individual cultures with vermicomposting of plant residues and the effects on seed germination – R. Velkumar (REG. No. 16MZO319) and **Sujatha P.S.***
- b. Comparison of commercial and supplementary feeding on growth performance of Indian Major Carps *Catla catla* and *Labeo rohita* – C. Vijayalakshmi (REG. No. 16MZO313) and **Sujatha.P.S.***

7. 2016

- a. Hepato protective effect of *Lagerstroemia speciosa* leaf extract against “Weight Gainer” as a Dietary Supplements caused by Acute Liver Failure in Male Albino Rat – P. Saravana Kumar (REG.NO. 14MZO317) and **Sujatha P.S.***

8. 2015

- a. Mosquito Ovicidal, Larvicidal, Pupicidal and Mortality Rate of *Lagerstroemia indica* against *Aedes aegypti* and Dengue Outbreak in India – M. Muralitharan (REG. No. 16MZO317) and **Sujatha P.S.***
- b. Hepatoprotective effect of *Lagerstroemia speciosa* extract in Aflatoxin- Induced Liver Cancer in female Albino Rats- M. Kaleeswary (REG. NO. 13MZO306) and **Sujatha P.S.***

9. 2014

- a. Hepatoprotective Effect of *Lagerstroemia speciosa* unopened flower extract in Acetaminophen Induced Liver Toxicity in Male Albino Rat – S. Lavanya and “– **Sujatha P.S.***
- b. Hepatoprotective Effect of *Lagerstroemia speciosa* Leaf extract in Acetaminophen Induced Liver Toxicity in Male Albino Rat - E. Sakthi Boobathi (REG.NO. 12MZO315) and **Sujatha.P.S.***

10. 2013

- a. The isolation of the probiotic *Lactobacillus acidophilus* (LAB) from ripened banana *Musa paradisiaca* and its supplementation in Fish meal to control stress and disease in Aquarium Grown Fish - P. Kannan (11MZo314) and **Sujatha P.S.***

11. 2012

- a. Spoilage of Rice grain by the fungal ochratoxin – A, At the preharvest stage and the rice Weevil at the postharvest stage and their effective control by bio-Pesticide. – K. Sasi (10MZO313). -

12. 2011

- a. The Utilization of activated carbon for the preparation of vermicompost and its effect on the level of soil nutrients -B. Devi Saranya (09ZM03) and **Sujatha P.S.***

UG GROUP PROJECTS

1. A study of the physicochemical characteristics of *Coffea canephora* and its role in lowering stress levels in man with reference to certain cardiovascular parameters. – Group project (R. Dharmadurai, B. Mathusa Banu, K. Rajalakshmi, M. Revathi, M. Arunkumar and M. Mohana) – **2014.**
2. The isolation of the probiotic *Lactobacillus acidophilus* (Lab) from ripened banana *Musa paradisiaca*. – Group Project (Deepika, Ramya, Dharmalingam, Jayaprakash and Seran) – **2013.**
3. Modern Agricultural practice – Chemical fertilizers used in wide range. – **2008.**

Annexure – III

I. ORIENTATION AND INTENSIVE TRAINING PROGRAMME

1. **Sujatha P. S (2021)** “UGC sponsored online refresher course in Synthetic Biology (ID) conducted by UGC (02.02.2021 to 15.02.2021)”– Human Resource Development Centre- UGC – Academic Staff College, Bharathiar University, Coimbatore.
2. **Sujatha P. S (2019)** “UGC sponsored refresher course in Life Science (ID) conducted by UGC (13.2.2019 to 05.03.2019)”– Human Resource Development Centre”- UGC – Academic Staff College, Bharathiar University, Coimbatore.
3. **Sujatha P. S (2013)** “UGC – Sponsored Refresher Course in Life Sciences conducted by UGC (19.11.2013 to 09.12.2013)”- UGC – Academic Staff College, Bharathiar University, Coimbatore.
4. **Sujatha P. S (2010)** “UGC – Sponsored Refresher Course in Zoology (09.11.2010 to 29.11.2010)”- UGC – Academic Staff College, Bharathiar University, Coimbatore.
5. **Sujatha P. S (2008)** “Faculty Improvement Training Programme: Towards Internal Quality Assurance”- Thiruvalluvar University, Vellore.

6. **Sujatha P. S (2008)** “Orientation Programme (13.10.2008 to 08.11.2008)” – Tamil Nadu State Council for Higher Education and University Grants Commission – Academic Staff College, University of Madras.

II. TRAINING / FDP

1. **Sujatha P. S. (2023)** “Online Four Weeks Certificate Course on Introduction to GST” Organized by Emperor Research Foundation, Kancheepuram in Association with Mayas Publication (01.05.2023 to 31.05.2023).
2. **Sujatha P. S. (2023).** “One Week National Level Faculty Development Program on Cloud Infrastructure (AWS)” Organized by Loganatha Narayanasamy Government College (21.8.2023 to 25.8.2023), Braino vision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE).
3. **Sujatha P. S. (2023)**” Online two days Certificate Course on known plagiarism No Plagiarism” Organized by Emperor Research Foundation, Kancheepuram in Association with Mayas Publication (25.08.2023 to 26.08.2023).
4. **Sujatha P. S. (2023)**” International Advanced Faculty Development Program on Application of Research Software for Qualitative and Quantitative Research Design” Organized by Eudoxia Research University, ERU-USA (05.09.2023 to 13.09.2023) – Exdoxia Research Centre, ERC – India & Asian International Research Council of Exdoxia (ARCE).
5. **Sujatha P. S. (2022)** “Effective Teaching with Research Blend – Special Emphasis to Deep Learning & Ethical Values in Teaching” – Supported under DBT star college scheme, New Delhi, Rathnavel Subramaniam College of Arts & Science.
6. **Sujatha P.S. (2021)** “Two weeks Online Faculty Development Programme on Pedagogy and Research Methods” – Human Resource Development Centre (HRDC) and Internal Quality Assurance Cell (IQAC) (24.05.2021 to 06.06.2021).

Annexure – IV

Seminar

PAPER PRESENTATION

1. **Sujatha. P. S, and Pavithran. S. (2023).** Wound healing activity of Topical formulated ointments from ethanolic seed extracts of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) - Indian Science Congress Association, Coimbatore chapter, PG and Research Department of Zoology, Kongunadu Arts and Science College, Coimbatore – 2023.

2. **Sujatha. P. S,** and Ganesan. G. (2023). Anti-Hyperlipidaemia effect of *Lagerstroemia speciosa* ethanolic leaf extract against a High-Calorie Diet on albino rats - DBT-CTEP Sponsored, PG and Research Department of Zoology, Nirmala College for Women, Coimbatore-18 – 2023.
3. **Sujatha. P. S,** and Pavithran. S. (2023). Wound contraction activity of Honey, Rhizome of *Curcuma longa* and aqueous leaf extracts of *Lagerstroemia speciosa* on Excision wound induced in experimental albino rats - DBT-CTEP Sponsored, PG and Research Department of Zoology, Nirmala College for Women, Coimbatore-18 – 2023.
4. **Sujatha P.S** (2023). Lecture Workshop on Recent Trends in Microbiology - Lecture Workshop on Recent Trends in Microbiology. - 10.01.2023 to 11.01.2023.
5. **Sujatha P.S** (2023). National Conference on Phytomedicine - Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India. -05.01.2023 to 06.01.2023.
6. **Sujatha P.S** (2023). Scientific input, Technological advancement and Women empowerment for Sustainable development - Indian Science Congress Association, PG and Research Department of Zoology, Kongunadu Arts and Science College, Coimbatore. - 02.02.2023 to 03.02.2023.
7. **Sujatha P.S** (2023). Harnessing Biology for Sustainable Development - PG and Research Department of Zoology, Nirmala College for Women, Coimbatore-18. - 16.02.2023 to 17.02.2023.
8. **Sujatha P.S** (2023). Advanced Biocompatible Materials and Device's/ Systems for Biomedical applications. Department of Physics and Biomedical engineering, Sri Ramakrishna Engineering College, Coimbatore. 10.08.2023 to 11.08.2023.
9. **Sujatha. P. S,** and Ganesan. G. (2023). Anti-obesity effect of *L. speciosa* ethanol leaf extract against a high-calorie diet on albino Rats. Indian Science Congress Association, Coimbatore chapter, PG and Research Department of Zoology, Kongunadu Arts and Science College, Coimbatore – 2023.
10. **Sujatha. P. S,** and Pavithran. S. (2023). Excision wound healing potential of Ethanolic Flower extract of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) in albino rat - Department of Botany, Bharathiar University, Coimbatore, TamilNadu, India – 2023.
11. **Sujatha P.S** (2022). “Aquaculture: scope and Prospects” – PG & Research Department of Zoology, Government Arts College, Coimbatore.
12. **Sujatha P.S** (2022). Genome Architecture & Analysis- An overview - PG and Research Department of Zoology, Government Arts College (Autonomous), Coimbatore. - 25.03.2022.

13. **Sujatha. P. S**, and Pavithran. S. (2022). Phytochemical and GC-MS analysis of ethanolic extract of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) DST-FIST Sponsored Department of Botany, PSGR Krishnammal College for Women, Coimbatore, TamilNadu, India – 2022.
14. **Sujatha. P. S**, and Pavithran. S. (2022). Antioxidant activities of ethanolic flower extract of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) in albino rat Department of Biotechnology & CSIR, Ministry of Sciences & Technology, Government of India – 2022.
15. **Sujatha. P. S**, and Pavithran. S. (2022). Antimicrobial and Wound healing properties of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) Department of Biotechnology & CSIR, Ministry of Sciences & Technology, Government of India – 2022.
16. **Sujatha P S**, and Nivethaa. D. (2022) Phytochemical Analysis of Methanolic Leaf Extract of *Lagerstroemia Speciosa* (L). Pers (Lythraceae).
17. **Sujatha P.S.*** and Nivethaa. D. (2022) Anticholesterol Effect of Methanolic Leaf Extract of *Lagerstroemia Speciosa* (L) Pers (Lythraceae) Against Cod Liver Oil and Coconut Oil.
18. **Sujatha P.S.** (2021) “WORLD ENVIRONMENT DAY 2021” – Rajah Serfoji Government College – Thanjavur.
19. **Sujatha P.S** (2021) “Need and Importance of Bio Diversity” - Galilio Science Club (VP – TN0014) Udumalpet & Department of Botany and Bio Informatics, Nirmala College for Women, Coimbatore.
20. **Sujatha P.S** (2021) “World Conservation Day “– PG &Research Department of Mathematics, Hindusthan College of Arts and Science, Coimbatore.
21. **Sujatha P.S** (2021) “Preparations and Strategies to Competitive Exams” – Kasturi College of Education, Coimbatore.
22. **Sujatha P.S** (2021) “Certification of Completion - Mushroom Farming Course” – Rocket Skills.
23. **Sujatha P.S** (2021) “All India Council for Technical Education “AICTE Training & Learning (ATAL) Academy – 56th Online ATAL Faculty Development Programmes – 12th July 2021.
24. **Sujatha P.S** (2021) “Ocean, Carbon and Climate” – Bharathidasan University, Department of Marine Sciences, School of Marine Sciences, Tiruchirappalli.
25. **Sujatha P.S** (2021) “Diabetes – Silent Killer” – National Level Webinar, Organized by Youth Red Cross (YRC), Bharathi Women’s College, Chennai.

26. **Sujatha P.S (2021)** “21st Century Competencies for Future Teachers as a Career” – N.K.T. National College of Education for Women, Chennai.
27. **Sujatha P.S (2021)**” Environmental E-Quiz conducted by Internal Quality Assurance Cell, C.B.M College, Coimbatore.
28. **Sujatha P.S. (2020).** “RT-PCR and its Application in Diagnostics” - PG & Research Department of Zoology, Government Arts College, Coimbatore.
29. **Sujatha P. S, and Pavithran. S. (2019).** Anti-bacterial, Anti-inflammatory and Wound healing properties of *Lagerstroemia speciosa* (L.) Pers Department of Botany, Bharathiar University, Coimbatore, TamilNadu, India – 2019.
30. **Sujatha P. S, and Pavithran. S. (2019).** Anti-bacterial, Anti-inflammatory and Wound healing properties of ethanolic extracts of *Lagerstroemia speciosa* (L.) Pers (Lythraceae) - Department of Botany, Bharathiar University, Coimbatore, TamilNadu, India – 2019.
31. **Sujatha P.S (2019)** “Bioprospecting of Biodiversity for Agriculture and Medicine: Current Status and Future Prospectives”- Department of Botany, Bharathiar University, Coimbatore.
32. **Sujatha P.S (2019)** “Impact of Innovations in Science and Technology for Societal Development” – Kongunadu Arts and Science College, Coimbatore.
33. **Sujatha P.S (2018)** “Emergency Preparedness”- Department of Zoology, Coimbatore.
34. **Sujatha P.S (2018)** “Advances in Biological Sciences Research”- DST-FIST Nirmala College for Women, Department of Zoology, Coimbatore.
35. **Sujatha P.S (2018)** “National level workshop on Advanced Research Studies in Life Sciences – GAPS and SCOPE”- Department of Zoology, Government Arts College, Coimbatore.
36. **Sujatha P.S (2018)** “National Conference on Basic and Applied Biological Sciences, Department of Biochemistry, Bharathiar University, Coimbatore.
37. **Sujatha P.S (2016)** “National seminar on Recent Trends and Challenges in Biosciences” – Department of Zoology, Khadir Mohideen College, Adirampattinam, Tiruchirappalli.
38. **Sujatha P.S (2014)** “International Conference on Physiology and Medicine” – Department of Zoology, Periyar University, Salem.
39. **Sujatha P.S (2013)** “Conservation Strategies for Bioresources” – Department of Botany and Zoology, DST – FIST, PSGR Krishnammal College for Women, Coimbatore.

40. **Sujatha P.S (2013)** “3 International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies” – Department of Zoology, Bharathiar University, Coimbatore.
41. **Sujatha P.S (2012)** “Second Symposium on Animal Welfare & Conservation” – SACON &WWF, FIAPO, WILDLIFE RESEARCH AND CONSERVATION TRUST, Coimbatore.
42. **Sujatha P.S (2011)** “International Conference on Environment, Genes, Health and Diseases” – Human Molecular Genetics Laboratory, Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore.
43. **Sujatha P.S (2011)** “International Symposium on Environmental Risk Assessment 2011” – DBT, CSIR and TNSCST Bharathiar University, Coimbatore.
44. **Sujatha P. S (2008)** “6th Winter Symposium Cardiovascular Sciences” – Christian Medical College, Vellore.

Annexure - V

AWARDS

1. **" International Best Research Award. - 2023" - Sujatha P.S. *** and Pavithran S. - by ISSN International Science &Technology Award and Congress associated with World Research Council, Times of Research, Z24 News & UMC.
2. Tamil Nadu State Council for Higher Education – “Growth rate and Immune response of Broiler Chicks as affected by Commercial Diet Density, Seed Supplementation of *Lagerstroemia speciosa* and *Nigella sativa* – **Sujatha P.S.***and N. Nivetha - D.O. Rc. No. 3999/2023A – **2022 – 2023.**
3. Tamil Nadu State Council for Higher Education – “Wound Healing Properties of Corosolic Acid Isolated from Acetone Extracts of *Lagerstroemia Speciosa* (L.) Pers Flower’s” -**Sujatha P. S.* and** Dr. R. S. Mohan raj.
4. **"Best Hostel Award" - " Good Administrator and Mentor for Hostel Students as a Deputy Warden - Sujatha P.S. * (2020) by UGC committee members.**
5. Tamil Nadu State Council for Higher Education – “Zero Waste Campus – A study on composting of garden and food waste into organic manure by using effective vermin’s “– **Sujatha P.S.***- D.O. Rc. No. 838/2018A – **2018 – 2019.**
6. Tamil Nadu State Council for Higher Education – “Application of Banaba Seed Powder Increases the Soil Fertility and Crop Production”- **Sujatha P.S.*** and S. Kanmani - D.O. Rc. No. 757/2016A – **2016 – 2017.**
7. Tamil Nadu State Council for Higher Education – “Hepato Protective Effect of *Lagerstroemia speciosa* Leaf extract against Weight Gainer as a Dietary supplements caused by Acute Liver Failure in Male Albino Rat” – **Sujatha P.S.***and P. Saravana Kumar - D.O. Rc. No. 527/2016B –**2015 – 2016.**

8. Tamil Nadu State Council for Higher Education – “Hepatoprotective Effect of *Lagerstroemia speciosa* unopened flower extract in Acetaminophen Induced Liver Toxicity in Male Albino Rat” – **Sujatha P.S.** and *S. Lavanya - D.O. Rc. No. 838/2018A – **2013 – 2014.**
9. Tamil Nadu State Council for Higher Education – “Hepatoprotective Effect of *Lagerstroemia speciosa* Leaf extract in Acetaminophen Induced Liver Toxicity in Male Albino Rat”- **Sujatha P.S.***and E. Sakthi Boobathi and - D.O. Rc. No. 838/2018A – **2013 – 2014.**