

PROFILE



NAME: : **Dr.S.JARINA BANU**
Designation : Assistant Professor
Department : Zoology
Date of Birth : 03-06-1989

CONTACT DETAILS

Present Address : 56, Pallivasal East Street
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Sex : Female

Nationality : Indian

Religion : Muslim (Lebbai)

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ACADEMIC QUALIFICATION

S.NO	DEGREE	UNIVERSITY/INSTITUTION	YEAR OF COMPLETION
1	Ph.D	Mother Teresa Women's University	2025
2	M.Phil	Jayaraj Annapackiam College For Women (A), Periyakulam. MTU	2012
3	M.Sc	Jayaraj Annapackiam College For Women (A), Periyakulam. MTU	2011
4	B.Sc	Jayaraj Annapackiam College For Women (A), Periyakulam. MTU	2009

TOTAL EXPERIENCE : 10 Yrs

AREA OF SPECILAZTION / INTEREST : Microbiology Environmental Biology

PAPER RESEARCH PUBLICATION DETAILS

NATIONAL LEVEL

- **S. Jarina Banu** and M.R. Delphine Rose (2016). Pollination by Insects in Tagetes Erecta Linn, JAC Journal of Science, Humanities and Management. ISSN:2347-98683(2).104- 113.
- **S. Jarina Banu** and Dr. T.I. Gracy Kutty National seminar on new frontiers in biology in "A Study On the Brand Preference of Packaged Milk in Theni District" on 18th & 19th 2012 December. Page 126-136. ISBN 978-81-923038-2 6.
- **S. Jarina Banu**, P. Pushpa, A. Anitha Mary and R. Selvakani "A study on the preference of packaged milk in Uthamapalayam Taluk" JAC JOURNAL OF SCIENCE, HUMANITIES AND MANAGEMENT (A National Journal), Vol.6, No.2, June, 2019, ISN 2347-9868, Pg-29-43.
- Anitha Mary, V. Santhi, M. R. Delphine Rose, P. Pushpa and **S. Jarina Banu** "Antifungal activity from leaf extract of Abutilon indicum" JAC JOURNAL OF SCIENCE, HUMANITIES AND MANAGEMENT (A National Journal), Vol.7, No.2, Dec, 2019, ISSN 2347-9868, Pg-11-23.
- P. Pushpa, Jeyapratha, **S. Jarina Banu** A. Anitha Mary, "A study on physico chemical analysis of water and soil in Anaimalaiyanpatty with special reference to avifauna" JAC JOURNAL OF SCIENCE, HUMANITIES AND MANAGEMENT (A National Journal), Vol.8, No.1, Dec, 2020, ISN 2347-9868, Pg-31-41.

INTERNATIONAL LEVEL

- Ms. A.Anitha Mary, **S. Jarina Banu**, P. Pushpa, P. Kalaivani, M. Sivarani , “GREEN SYNTHESIS OF SILVER NANOPARTICLE FROM *MENTHA ARVENSIS* LEAF EXTRACT AND ANALYSIS OF THEIR ANTIBACTERIAL ACTIVITY” Vol-40 Issue-18-February-2020, Pg 1221-1230, Studies in India Place (UGC Care Journal), ISSN: 2394-3114.
- Ms. A. Anitha Mary, Ms. Rabeka Sweety, Mrs. G. Sangeetha, **Ms. S. Jarina Banu** and Mrs. V. Subalakshmi, “Green Synthesis of Silver Nanoparticles Using Leaf Extract of *Mentha arvensis* and its Antibacterial Activity”. Vol 6 Issue 2, Pg361-372, June 2019, INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR) E-ISSN 2348, P-ISSN 2349-5138, Impact Factor 5.75.
- **Ms. Jarina Banu S. & Dr. Mrs. Delphine Rose M.** “Adsorption Studies on Coir Pith for Heavy Metal Removal on Tannery Effluent in Dindigul District” Strad Research VOLUME 9, ISSUE 3, 2022 ISSN: 0039-204
- **MS. S. Jarina Banu**, Dr. M.R. Delphine Rose., “A Study on the Physicochemical Characteristics and Heavy metal analysis of Tannery Effluent on Dindigul District”. Indian Journal of Natural Science (IJONS). ISSN: 0976-0997, VOL.13/ISSUE 75/ DECEMBER 2022.
- **MS. S. Jarina Banu**, Dr. M.R. Delphine Rose., “Bioremediation of tannery effluent using bio –absorbent (coir pith) for removal of heavy metal from tanning industry in Dindigul District”. Agricultural and Biological Research (AGBIR), Volume 39, No 2, 07-Mar-2023. ISSN NO: 0970-1907.
- **MS. S. Jarina Banu**, Dr. M.R. Delphine Rose., “The physic-chemical analysis of ground water around the tannery industries”. International journal of research and analytical reviews (IJRAR) Volume 10, Issue,4, E- ISSN: 2348-1269, P-ISSN: 2349-5138.
- **Ms. S. Jarina banu and Dr. M.R. Delphine Rose** “Assessment of Physico- Chemical Parameters and Water quality Index on Tannery Effluent in Dindigul District. Indian Journal of Natural Science (IJONS). ISSN: 0976-0997, VOL.17/ISSUE 95/ April 2026.

PRESENTATION IN PROCEEDINGS

- Presented a Paper on Pollination by Insects in *Tagetes Erecta* Linn.
- Presented a Paper on “A Study On The Brand Preference Of Packaged Milk In Theni District” on 18th & 19th 2012 December. Page 126-136. ISBN 978-81-923038-2-6.
- Presented a Paper on Pollination by Insects in *pisum sativum*.

PAPER PRESENTATION

- Presented a Paper on “Pollination by Insects in Tagetes Erecta Linn” in the “National Seminar on Bio Knowledge for better Environment”. Organized by Department of Microbiology, Syed Hameedha Arts & Science College, Kilakarai-06.
- Presented a Paper on “A Study On The Brand Preference Of Packaged Milk In Theni District” In the “National seminar on “ New frontiers in Biology” Sponsored by UGC, Organized by the post graduate Department of Zoology at J.A.College for women (Autonomous), Periyakulam.
- Presented a Paper in the International Conference on “Recent Innovation in Biological Research” (ICRIBR-2022) entitled “Adsorption studies on coir pith for heavy metal removal of Tannery Effluent in the Dindigul District. Organized by Department of Botany, PSGR Krishnammal college for women, Coimbatore.
- Presented a Paper on “Effect of Tannery Effluent on the growth and yield of tomato using Bioremediation process” in the National conference on Post Covid-19 complication – A biotechnological approach (PCBA’22) organized by PG and Research Department of Biotechnology, Jamal Mohamed college, Thruchirappall

AWARDS:

- Plant cultivation simultaneously world record -2025 from “ALL INDIA WORLD RECORDS VIRTUAL UNIVERSITY”
- வைரமணிச்செம்மல் விருது -2026 from பசுமை வாசல் பவுண்டேஷன்
- INNOVATIVE TEACHING AWARD - 2026, from “ACT ACADEMY”
- EXCELLENCE IN TEACHING AWARD – 2026 from “FLYERS Charitable Trust”

RESEARCH GUIDANCE:
M. SC., Project:

S. NO	NAME	PROJECT TITLE	COLLEGE	YEAR
01	R. SELVAKANI	A Study on the Brand Preference of Packaged Milk in Uthamapalayam Taluk	Jayaraj Annapackiam College for Women (Autnomous), Periyakulam	2015-2016
02	S.ABINA	Pollination by Insects in <i>pisumsativum</i>	Jayaraj Annapackiam College for Women (Autnomous), Periyakulam	2016-2017
03	P.RAJESHWARI	Pollination by Insects in <i>Solani lycopersicum</i> at Nallamudipatti, Theni.	Jayaraj Annapackiam College for Women (Autnomous), Periyakulam	2017-2018
04	V. AJITHA, M.MUTMULAKSHMI	Pollination by Insects in <i>elettaria cardamom</i> (Elakkai)	Jayaraj Annapackiam College for Women (Autnomous), Periyakulam	2018-2019
05	G. THAARANI	Adsorption studies on coir pith and egg shell for heavy metals removal from tannery effluent in Dindigul District.	Jayaraj Annapackiam College for Women (Autnomous), Periyakulam	2021 - 2022
06	R.YAZHINI M.YUVASRI V.ABINAYASRI G. ABINAYA I.JANANI	Biological Treatmeny of Waste water from Sugarcane Industry using Pineapple leaves(Crown)	Jayaraj Annapackiam College for Women (Autnomous),Periyakulam	2025-2026
07	M.PRIYADHARSHINI	Physico-chemical parameters of soil and Biological Treatmet of Waste water from Sugarcane Industry using oil cake	Jayaraj Annapackiam College for Women (Autnomous),Periyakulam	2025-2026

Conference /Seminar/workshop Attended:

Conference /Seminar/ workshop Attended S.No	Title of Workshop Seminar / Conference	Venue	Period	Category
1.	Workshop on Statistical Packages for Social Sciences	J. A. College for Women, Periyakulam.	24 th to 28 th August 2015	Regional
2.	“Polymerase Chain Reaction Techniques” Zoology	J. A. College for Women, Periyakulam.	2 nd September, 2015	Regional
3.	Ranking the research publication- citation analysis, citation database and antiplagiarism	J. A. College for Women, Periyakulam	27 th to 28 th January 2016	National

4.	“Frontier Lectures in Biology”	J. A. College for Women Periyakulam.	21 st & 22 nd March, 2016	National
5.	Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and Solutions	J. A. College for Women, Periyakulam	29 th to 30 th September , 2016	National
6.	Microbial tool and Bioremediation	J. A. College for Women, Periyakulam	9 th & 10 th Feb 2017	National
7.	.Statistics using EXCEL and SPSS	J. A. College for Women, Periyakulam	5 th and 6 th September 2017.	National
8.	“Emerging Trends in Life Sciences”	J. A. College for Women, Periyakulam	9 th January 2018	National
9.	Two day workshop on Research methodology for Ph.D Scholars	Mother Teresa Women’s University, Kodaikanal	13 th & 14 th November 2019	National
10.	Emerging trends in Current environmental issues	J. A. College for Women, Periyakulam	11 th & 12 th December 2019	National

11.	Outcome based education	J. A. College for Women, Periyakulam	22 nd – 29 th May, 2020	National
12.	Brief perceptive of nanotechnology – Biosynthesis and Bioapplications of nanoparticles	J. A. College for Women, Periyakulam	27 th - 29 th May, 2020	International
13.	Actions and Reflections in research paper writing	Nazareth Margoschis College at Pillaiyanmanai	30 th May, 2020	National
14.	Free statistical tool for Research data analysis and Research publication with special reference to citation, Impact Factor and h Index	J. A. College for Women, Periyakulam	1 st and 2 nd June, 2020	National
15.	Energy conservation and renewable energy	School of engineering and technology Indira Gandhi National open University, New Delhi.	08– 12 th June, 2020	National

16.	Emergence of alternative therapeutic to contagious diseases	Sri Vasavi College, Erode, TN. India.	11 th & 12 th June, 2020	International
17.	Covid -19 : Coping with global challenges – Career and health of youth	Jyoti Nivas College (Autonomous)	17 th June	National
18.	World sickle cell day 2k20 quiz	Hajee karutha Rowther Howdia collage (Autonomous) Uthamapalayam	17 th June 2020	National
19.	BLOCKCHAIN TECHNOLOGY	Jyoti Nivas College (Autonomous) Bangalore	17 th June, 2020	National
20.	Challenges and Opportunities in Interdisciplinary Science Research - 2020	The standard fieldworks Rajaratnam College for Women, Sivakasi	17 th - 19 th June, 2020	National
21.	Coronavirus envelope proteins and nutritional intervention	Jyoti Nivas College (Autonomous), Bangalore	19 th June, 2020	National

22.	Data analytics and its application in water resources management	J. A. College for Women, Periyakulam	19 th June 2020	National
23.	Advancements in biotechnology	St. Joseph's College of engineering, OMR, Chennai.	22 nd – 24 th June, 2020	International
24.	Multifaceted role of plants in challenging environmental applications	Hajee karutha Rowther Howdia collage (Autonomous) Uthamapalayam	6 th July, 2020	National
25.	Emerging Advancements And Technologies In The Field Of Life Science Teaching And Research	Dr. Ambedkar Government Arts College (Autonomous) Vyasarpadi, Chennai	08 th - 10 th July, 2020	International
26.	Phytomedicine and Health	Rajah Serfoji Govt. College (Autonomous), Tanjavur.	13 th July, 2020	National
27.	Fish parasites are on the rise	Government Arts College, Melur – Madurai	14 th July, 2020	National

28.	Value Addition in Coconut	Arul Anandar College (Autonomous), Karumathur	15 th July, 2020	International
29	Understanding purpose of life: Reflecting the mental health, jobs and the uncertain future.	St. Joseph's College (Autonomous) Bangalore	19 th – 20 th July, 2020	International
30.	ICT Tools for Teaching Learning	St. Xavier's College (Autonomous) Palayamkottai, Tamil Nadu	24 th July 2020	National
31.	E- Quiz on Ecosystem	Seethalakshmi Achi College For Women, Pallathur, Sivagangai	7 th September 2020	National
32.	Recent trends in life sciences	J. A. College for Women, Periyakulam	5 th and 6 th January, 2021	International
33	Creation of Academic Accounts	J. A. College for Women, Periyakulam	18 th March 2021	State

34	Way to creation of wonder women	J. A. College for Women, Periyakulam	9 th March 2021	State
35	E- Quiz on “biodiversity”.	Holy cross College	22 nd May 2021	State
36	Qualitative enhancement initiative through innovative practices	J. A. College for Women, Periyakulam	03 rd May 2021	National
37	Preparation strategies for UGC NET and TN SET	The standard fireworks Rajaratnam College for Women (Autonomous), Sivakasi.	11 th June 2021	State
38	E – Quiz on world nature conservation	J. A. College for Women, Periyakulam	28 th July 2021	State
39	Trends in biotechnology	Mary Matha College	13 th August 2021	National

40	Digital transformation: How can I be a part of it	J. A. College for Women, Periyakulam	14 th August 2021	International
41	“Recent trends in life sciences”	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	1 st September 2021	International
42	“Development of e-content”	UGC human resource development centre, Madurai Kamaraj University, Madurai	18 th September 2021	National

43	“Fit India - 2021”.	NSS, NCC & Physical Education, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	15 th September 2021	State
44	“Research Ethics”	UGC human resource development centre, Madurai Kamaraj University, Madurai	11 th September 2021	State
45	“Bloom’s taxonomy based question paper design for outcome based education in zoology”	Department of Zoology in association with the Internal quality assurance cell (IQAC) and outcome based education monitoring council	27 th September 2021	State
46	“Mushroom fortified bakery products preparation”.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	15 th December 2021	State
47	National Intellectual Property Awareness Mission	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam (Online)	20 th September 2022	National

48	National Intellectual Property Awareness Mission	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam (Online)	5 th May 2022	National
49	National Virtual Conference AMBR’22	PG & Research Department of Zoology, Bishop Heber College (Autonomous), Tiruchirappali.	26 th August 2022	International
50	Multidisciplinary approaches in research for sustainable development	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam (Online)	28 th August 2024	International
51	Metabolic syndrome : from Molecular Mechanisms to Percision Management.	Bishop Heber College (Autonomous)	31- gust to 3 September 2026	National

52	Computer aided drug design (CADD) from target to therapy	College for Women (Autonomous), Periyakulam(Online)	24-26August 2026)	National
53	Innovation pedagogical strategies using AI (FDP)	St. joseph's college (autonomous)	7-13 September	National

POSITION HELD IN THE J.A. COLLEGE

Position	Committee	Year
Member	Attendance in-charge Extension	2015-2016
Member	Attendance in-charge Extension	2016-2017
Member	Attendance in-charge Extension Placement cell	2017-2018
Staff Advisor Member	NSS, Hope club	2018-2019
Staff Advisor Member	NSS, Hope club	2019-2020
Staff Advisor Member	NSS , JACSAFA	2020-2021
Member	JACSAFA, Attendance in-charge	2021-2022
Member	JACSAFA, Physical Education	2022-2023
Member	JACSAFA, Attendance in-charge	
Member	Research Committee, IPR, Incubation Centre	2025-2026

