

PROFILE



Name : A. Anitha Mary, M.Sc., M. Phil., B. Ed., DBS., DTH., CLT., (P.hD)
: Assistant Professor

Department : PG & Research Centre of Zoology,

Date of Birth : **26. 03. 1993**

Date of Appointment : **13. 06. 2016**

ACADEMIC PROFILE

Degree	Major	Year	Class	Institution	University
10th	-	2008	First Class 78%	Our Lady Lourdes Higher Sec. School	State Board
12th	-	2010	First Class 78%	Our Lady Lourdes Higher Sec. School	State Board
B. Sc	Zoology	2013	First Class 74%	Jayaraj Annapackiam College for Women, Periyakulam	MTU
M. Sc	Zoology	2015	First Class 74%	Gandhigram Rural Institute - Deemed University, Dindigul.	GU
M. Phil	Zoology- Microbiology	2016	First Class with Distinction 83%	Jayaraj Annapackiam College for Women, Periyakulam	MTU
B. Ed	Zoology	2018	First Class with Distinction 80%	Knachapa gounder college, Dindigul	TN
Ph. D	Zoology	2018 to till	-	Jayaraj Annapackiam College for Women, Periyakulam	MTU

PROJECTS DONE

↪ **M. Phil** – Isolation and Characterisation of Antimicrobial Compound from leaves of *Abutilan indicum* and *Morinda citrifolia*.

↪ **M.Sc**–AnInventoryontheBiodiversityofGandhigramRuralInstitute,
Gandhigram, TamilNadu,India.

↪ **B. Sc** – Population Dynamics of Insects in Sugarcane Field at Thamaraikulam.

CERTIFICATE COURSES

Course	Reg. No	Year	Class	Institution
Mobile Phone Technology	CPI00718	Mar, 2012	First Class with Distinction 77%	Jayaraj Annapackiam College for Women, Periyakulam, Theni District
Clinical Laboratory Techniques	12CCL01	April2 013	First Class with Distinction 83%	Jayaraj Annapackiam College for Women, Periyakulam, Theni District
Cutting & Tailoring	690033156501	Jan, 2017	Pass	National Institute of Open Schooling, India
Diploma in Biblical Studies	-	Nov, 2015	First Class with Distinction	Biblical Institute for Leadership Training Chennai, Tamil Nadu.
Diploma In Beauty Culture & Skin Care	15DBS02	April 2 016	First Class with Distinction 86%	Jayaraj Annapackiam College for Women, Periyakulam, Theni District

TYPEWRITING IN ENGLISH

Grade	Reg. No	Class	Year	Institution
Junior Grade	403509	First Class with Distinction	Feb, 2012	Government Technical Examination, Tamil Nadu
Senior Grade	607031	Second Class	Aug, 2012	Government Technical Examination, Tamil Nadu

TEACHING EXPERIENCE

Designation	Institution	Duration	Experience
Assistant Professor	Jayaraj Annapackiam College for Women, Periyakulam.	2016 - still	6 years and 3 months

PAPER PUBLICATIONS:

National level

1. S. Suganya, V. Shanthi and **A. Anitha Mary**, Dec. 2015. In vitro Antibacterial Activity of Crude Extracts from *Mangifera indica* and *Angle marmelos*. Vol. 1, Issue 1, pp. 1-11, JAC JOURNAL OF SCIENCE, HUMANITIES ANDMANAGEMENT.

International level

1. **Anitha Mary A** and V. Santhi Isolation and characterization of antimicrobial compounds from leaf extract of *Abuliton indicum*, WORLD JOURNAL OF PHARMACEUTICAL RESEARCH, 2019;8 (2): 1136 – 1147. ISSN No 2277 - 7105 Impact Factor:0.453
2. **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

3. Rani. P., V. Santhi, **A. Anitha Mary**, “Isolation AND IDENTIFICATION OF MONOCROTOPHOS DEGRADING MICROBES FROM AGRICULTURAL FARM SOIL OF THENI DISTRICT, TAMILNADU, INDIA” Vol-40 Issue-18-February-2020, Pg 1078-1086, Studies in India Place (UGC Care Journal), ISSN: 2394-3114.

4.**A. Anitha Mary**, S. Jarina Banu, P. Pushpa, P. Kalaivani, M. Sivarani , “GREEN SYNTHESIS OF SILVER NANOPARTICLE FROM *ALTERNANTHERA SESSILIS* 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.

PAPERS PRESENTED:

NATIONAL PRESENTATION

S.No	Seminar/ Conference	Title of the Paper Presented	Institution/Venue	Date
01.	National Seminar on “Advances in Biological and Environmental Sciences”	An Inventory of the Biodiversity of Gandhigram	Gandhigram Rural Institute, Gandhigram. Dindigul.	25 th &26 th February, 2016.
02.	National Conference on “Emerging Trends In Material-2017”	Biomedical Application of Nanotechnology in Drug &Delivery	Mary Matha College of Arts & Science, Theni.	6 th March 2017
03.	National Conference on “Emerging Trends In Life Science	Isolation and Characterisation of Antifungal Compound from Leaves of <i>Abutilon indicum</i> & <i>Morinda citrifolia</i>	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	9 th Jan 2018
04.	Virtual International Conference on "Ecotoxicology - Impacts, Assessment and Mitigation	Evaluation of Physical and Chemical characteristics of Water at Vaigai reservoir, TheniDistrict, Tamilnadu, India	Lady Doak College, Madurai	16 th - 17 th September, 2021

GUEST LECTURES

S.No	Theme of the lecture	Institution	Date
01.	Importance of Birds	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	14 th Dec 2016
02.	Economic importance of birds	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	22 nd Feb 2018
03.	Tips for Birds watching	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	28 th Aug 2018
04.	Wild Life Conservation	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	12 th Dec 2018
05.	Mushroom Culture	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	28 th Aug 2019
06.	Biodiversity of Aquatic insects	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	12 th March 2021

RESEARCH GUIDANCE:

M. SC., Project:

S. NO	NAME	PROJECT TITLE	COLLEGE	YEAR
01	Ms. Rabeka Sweety	GREEN SYNTHESIS OF SILVER NANOPARTICLES USING LEAF EXTRACT OF <i>MENTHA ARVENSIS</i> AND ITS ANTIBACTERIAL ACTIVITY	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2017 – 2018
02	P. Kalaivani, M. Sivarani	GREEN SYNTHESIS OF SILVER NANOPARTICLE FROM <i>ALTERNANTHERA SESSILIS</i> LEAF EXTRACT AND ANALYSIS OF THEIR ANTIBACTERIAL ACTIVITY	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2018 - 2019

**RESEARCH PROJECT:
JAC Funded Research Project**

Name	Title of the Project	Funding Agency	Sanctioned Date & Duration of the Project	Project Cost Rs.	Remarks
Miss. A. Anitha Mary	“Evaluation of physioco chemical parameters with special reference of insects at Vaigai reservoir in Theni District, Tamilnadu, India”	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	20.10.2021 18 Months	Rs. 25,000	On going

Resource Person:

S.No	Theme of the lecture	Institution	Date
01.	Blood Group Identification Camp	Government Hr. Sec. School, Vadugapatti. Theni District.	14 th Nov 2017.
02.	Mushroom Culture	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	7 th and 8 th Jan 20

Seminar Organized:

- Convener for International on webinar on Recent Trends in Life Sciences-Phase II at J.A. College for women, Periyakulam on 01.09.2021.

PARTICIPATION IN SEMINARS, CONFERENCES, WORKSHOPS:

- Regional Seminar on “Youth Animation in JESUS CHRIST” on 26th August, 2010 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.
- State level Seminar on “Biodiversity – Measures for conservation and management” on 16th Dec 2010 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.
- Regional Seminar on “Moulding the Christian Youth in the Light of Christ”, 15th September, 2011 at J. A. College for Women (Autonomous) Periyakulam, Theni District.
- Special Camping Programme on “Role of Youth in Rural development” 24th to 30th November, 2011 at E. Pudukottai, Theni District.
- National Seminar on “New Frontiers in Biology” from 18th & 19th December, 2012 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.
- Regional Seminar on “New Evangelization for the transmission of Christian Faith” on 9th January, 2013 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam,

Theni District.

□ Special Camping Programme on “Youth for Environment Conservation” from 29th December to 01st January, 2014 at Gandhigram Rural Institute - Deemed University, Dindigul.

□ State Level Seminar on “State Level Intercollegiate Competitions” on 19th February, 2014 at The Standard Fireworks Rajaratnam College for Women, Sivakasi.

□ Faculty of Rural Oriented Sciences on “Bio-fest” on 19th February, 2015 Gandhigram Rural Institute - Deemed University, Dindigul.

□ State Level Workshop on “Statistical Packages for Social Sciences” from 24th to 28th August, 2015 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ Workshop on “Polymerase Chain Reaction Techniques” on 2nd September, 2015 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ International Conference on “Current Excitement in Biochemistry and Molecular Biology for Agriculture and Medicine” from 27th to 30th November, 2015 at Centre for Cellular and Molecular Biology (CCMB), Hyderabad.

□ National Seminar on “Ranking the Research Publications: Citation Analysis, Citation Databases and Anti-Plagiarism” from 27th and 28th of January 2016 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ National Seminar on “Skin Care and Maintenance” on 6th of February, 2016 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ Attended a national conference on “Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and Solutions” from 29th and 30th September, 2016 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ Regional Seminar on “AIACHE (All India Association for Christian Higher Education) Golden Jubilee Grand Finale Celebrations from 7th to 11th Oct 2016 at The American College, Madurai, Tamil Nadu.

□ One day workshop on “Women Health Awareness and Health Checkup Camp on 26th Oct 2016 organized by Nattathi Nadar Multispeciality Hospital and NSS at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ National workshop on microbial tool bioremediation (NWMB-2017) from 9th and 10th February, 2017 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ Golden Jubilee Celebration on “PANIS AGON – 2017” ON 20th Dec, 2017 at V. V. Vanniaperumal College for Women (Autonomous), Virudhunagar.

□ International workshop on “Statistics Using Excel and SPSS” from 05th & 06th September, 2017 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

□ National Seminar on “Emerging Trends in Life Sciences” on 9th January 2018 at Jayaraj

Annapackiam College for Women (Autonomous), Periyakulam, Theni District.

- Workshop on Women in Science and Research from 19th & 20th February, 2018 at Jayaraj Annapackiam for Women (Autonomous) Periyakulam, Theni District.
- Appreciation Certificate for actively participated in the KHAJA CYCLONE RELIEF WORK from 2nd to 3rd Dec 2018 at COHAJ Hospital SAT Unit, Kameswaram, Nagapattinam District.
- Workshop on “MICROFIESTA-2019” on 18th Feb 2019 at The American College, Madurai.
- Attended the Two day workshop on Research methodology for Ph.D Scholars on 13th and 14th November 2019 at Mother Teresa Women’s University, Kodaikanal.
- Attended the two days National seminar on Emerging Trends in current Environmental Issues at Jayaraj Annapackiam college for women, periyakulam on 11th and 12th December 2019.
- Attended the National Level Online Faculty Development Programme on “Effective Usage of ITC Tools for E-Content Preparation” on 27th April 2020 to 2nd May 2020 at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt).
- Attended the Two days National Level FDP Program on 14th May 2020 at North Storm Academy.
- Attended the Webinar on “VIRTUAL REALITY” on 20th May 2020 at Department of Computer Science and Engineering, St. Annes’s College of Engineering and Technology.
- Attended the National Level Webinar on “Excel like Never Before” Reena Mehta College of Arts, Science, Commerce & Management Studies
- Attended the International Webinar on Biodiversity on 22nd May 2020 The American College, Madurai.
- Attended the International live Webinar on “Applications of Spectroscopic Methods for Chemical Analysis” on 22nd May 2020 PIONEER KUMARASWAMY COLLEGE
- Attended the National Webinar on “Outcome Based Education” on 22nd to 29th May 2020 at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt).
- Attended the International Webinar on “Brief Perspectives of Nanotechnology” on 27th April 2020 to 29th May 2020 at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt).
- Attended the Webinar on “Magnetic Nanocarriers for Enhanced Enzyme Activity” on 30TH May 2020 at PRATHYUSHA ENGINEERING COLLEGE, CHENNAI
- Attended the Two Day National Webinar on “ Impact of COVID-19 in Service Sector: Strategies to Overcome the Challenges” on 1st and 2nd June 2020 at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt) in association with AUXILIUM COLLEGE
- Attended the Webinar “ Free Statistical Tool for Research Data Analysis and Research Publication with Special Reference to Citation on 1st and 2nd June 2020 at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt).
- Attended the International Webinar on “Web Development in Python Using Pycharm” on 2nd June 2020 at ST.ANNE’S COLLEGE OF ENGINEERING AND TECHNOLOGY.
- Attended the Webinar “Triage crisis & Universal Remedy – Covid 19, A Perspective” on 3rd June 2020 at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt).

- Attended the International Webinar on “VFX Techniques in Video Editing” on 3rd June 2020 at ST. ANNE’S COLLEGE OF ENGINEERING AND TECHNOLOGY.
- Attended the International Virtual Conference on COVID-19 “Recent Updates And Current Advances” on 3rd and 4th 2020 at The American College, Madurai.
- Attended the National Webinar on “Digital Tools For Effective Teaching” on 4th June 2020 at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt).
- Attended International webinar on Recent Trends in Life Sciences at Jayaraj Annapackiam College For Women (Autonomous), Periyakulam, Theni (Dt) on 5th and 6th January 2021.
- Attended the National Level Faculty Development Programme on “Quality Enhancement Initiative Through Innovative Practices” organized by the Internal Quality Assurance Cell, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, on 3rd May, 2021.
- Attended the National Level Webinar on “We’re Part of The Solution” organized by Nature Club of Rajapalayam Rajus’ College and Wildlife Association of Rajapalayam (WAR) on 22nd May, 2021.
- Participated the E-Quiz on “Biodiversity” organized by the Department of Zoology, Holy Cross College (Autonomous), Nagercoil on 22nd May, 2021.
- Attended the International Webinar on “Role of Nanotechnology in Current Scenario” organised by the SLI International Webcasting Network, Dept. of Botany, Sri Venkateswara University, Tirupati, A.P., India on 27th & 28th May, 2021.
- Attended the International the Webinar on “Modern Research Methods and Techniques”. organised by the IQAC and RESEARCH & IPR FORUM, Sri Vasavi College, Erode on 29th May, 2021.
- Attended the International Virtual Webinar on “Challenges and its Precaution of Pandemic Viral Disease” organized by NSS, YRC and NCC of M. R. Government Arts College, Mannargudi on 4th June, 2021.
- Participated the E-Quiz held in commemoration of World Environment Day organized by Department of Microbiology & Biochemistry, Nadar Saraswathi College of Arts and Science, Theni on 5th June, 2021.
- Attended the National Webinar on “MMS Talks Post-Corona: The Secret of Living, Living Fossils:: Exceptional Organisms that Crossed Geological Timeline, Let’s Dissolve in the World of Poetry” organized by Mother Matric Hr. Sec. School, Singarapettai from 4th to 6th June, 2021.
- Participated the National Level E-Quiz on UNEP Theme “Ecosystem Restoration” organized by PG & Research Department of Zoology, Sri Parasakthi College for Women, Courtallam from 5th to 8th June, 2021.
- Attended the National Webinar on “Preparation Strategies for UGC NET & TN SET” organized by CSIR/UGC NET Counseling Cell, The Standard Fireworks Rajaratnam College for Women, Sivakasi on 11th June, 2021.
- Attended the National Webinar on “IPR and Innovations” organized by PG Department & Research Centre in Commerce, Rajapalayam Rajus’ College, Rajapalayam on 15th June, 2021.

- Participated the E-Quiz on “International Yoga Day - 2021” organized by National Cadet Corps [3/12(TN) BN NCC], ArignarAnna Government Arts College, Attur, Salem District from 18th to 22nd June, 2021.
- Participated the E-Quiz Contest on the occasion of World Zoonoses Day 2021 organized by New Prince Shri Bhavani Arts & Science, Medavakkam, Chennai on July, 2021.
- Attended the National Webinar on “Covid 19 Road Map to Recovery: Tackling Psychological and Physical Health Challenges” organized by Bharathi Women’s College (A), Chennai on 5th July, 2021.
- Participated the E-Quiz on “World Nature Conservation” organized by National Service Scheme, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 28th July, 2021.
- Attended the State level Webinar on “Honey Bees: Hope for Life” on account of World Entrepreneur Day organized by PG and Research Centre of Zoology, Start Up Programme – Apiculture, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, on 27th August, 2021.
- Attended the International webinar on “Recent Trends in Life Sciences -Phase II” organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 1st September, 2021.
- Attended the International Webinar on “Data Driven Technologies” organized by the Department of Computer Science, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam. on 6th September, 2021.
- Attended the State level Webinar on “Fit India – 2021” organized by NSS, NCC & Physical Education, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 15th September, 2021.
- Participated in the State level Workshop on “Honey Bee Rearing” organized by the Department of Entomology, Agriculture College and Research Institute, Tamilnadu Agriculture University, Madurai on 16th September, 2021.
- Attended the International Webinar on “Recent Trends in Chemistry – RTC – I - 3” organized by PG & Research Center of Chemistry, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 18th September, 2021.
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POSITIONS HELD IN THE COLLEGE:

Position	Committee	Year
Staff Advisor Member	NSS, Avian Club Discipline Committee	2016-2017
Staff Advisor Member	NSS, Avian Club Discipline Committee	2017-2018
Staff Advisor Member	NSS, Avian Club Discipline Committee	2018-2019

Staff Advisor Member	Avian Club, Tamil Nadu Region of Xavier Board of Higher Education In India Discipline Committee	2019-2020
Member	Fine arts, Discipline Committee, Attendance in-charge	2020-2021
Staff Advisor Member	Avian Club Discipline Committee, Attendance in-charge	2021-2022

AREA OF INTEREST:

✧ Microbiology

✧ Environmental Biology

✧ Genetic Engineering

✧ Cell Biology

✧ Biodiversity

SKILLS:

- * Good communication skills
- * Knowledgeable in designing labs
- * Mobile Phone Technology skills
- * Clinical Lab Technology

TECHNIQUES KNOWN:

- Microbial Techniques
- Thin Layer Chromatography
- Identification of Antimicrobial Activity

CO- CURRICULAR ACTIVITIES:

- ♦ Won Prizes in Various competitions at college Level

EXTRA CURRICULAR ACTIVITIES:

✧ National Service Scheme

✧ Done Short term course on Interior Decoration

✧ Participated in different Voluntary services

✧ Actively Participated in Church Programmes and Won Prize

CONTACT DETAILS

PresentAddress: Staff Quarter,
St. Anne's Hostel,
J. A. College Campus,
Periyakulam,
Theni (Dt)

Permanent Address : 34/ Sahaya Matha Puram,
Saveriyar Palayam,
Begambur Post,
Dindigul (Dt).

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EMAIL ID : amaryzoo@annejac.ac.in