

CURRICULAM VITAE

DR.SR.IRUTHAYA KALAI SELVAM

PERSONAL INFORMATION

Assistant Professor

Post Graduate and Research Centre of Zoology
St. Anne's Convent,
Jayaraj Annapackiam College for Women (Autonomous),
Periyakulam, Theni District.



Date of Birth : 05/01/1979
Date of Appointment : 18.06.2014
Employee ID No : JACZOA10
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Awards

Academic Qualifications:

S. No	Degree	Year	Discipline	University / Institution	% of marks
1.	Ph. D	2013	Zoology	Madurai Kamaraj University, Madurai.	Awarded
2.	M.Phil	2008	Zoology	Manonmaniam Sundaranar University, Tirunelveli.	75.54
3.	M. Sc	2007	Zoology	Mother Teresa Women's University, Kodaikanal.	87.69
4.	B. Sc	2000	Zoology	Manonmaniam Sundaranar University, Tirunelveli.	73.63

Academic Service

Total : 13 Years
Teaching and Research : 13 Years
Area of Specialization : Plant Pathology,

Microbial Biotechnology

Orientation Programme

/MKU/sel. Or.85th/86th OP, Orientation Programme in Madurai Kamaraj University, Madurai-625021. 16/11/2018- 13 /12/ 2018.

Refresher Course

UGC_HRDC, Bharathiyar University, Coimbatore 02.02.2021 to 15.02. 2021

Significant Professional Contribution

TNSCST- funded student project entitled “Phytochemicals screening and antimicrobial activities of selected medicinal plants of Theni district in Tamilnadu” with a grant of Rs.10,000 for the period 2016-2017.

JACFRP funded students/Scholars project entitled “Extracellular Biosynthesis of Silver Nanoparticles using Entamopathogenic bacteria against *Meloidogyne Incognita*” with a grant of Rs.10,000 for the period 2021-2022.

Hands on Training

UGC_NRCBS, XXXI Winter School on “Microbial- Molecular Techniques and their applications” UGC- Networking Resource Centre in Biological Sciences, Madurai Kamaraj University, Madurai-625021. 26/12/2016- 07 /01/ 2017.

Details of Ph.D Students Guided

S. No.	Name of the Student	Title of the Project	Degree Awarded/ Thesis Submitted
1	A. Vinothini	Biosynthesis of Silver Nanoparticles using <i>Xenorhbdus</i> Against Insect Pest	Ongoing
2	L.Archana Devi	Organic and Non Organic Horticulture Crop Production Using Bionutrients and Biopesticides for Soil Sustainability, Nutritional and Grower Economic Benefits.	Ongoing

Academic and Administration activities

Position		Activity
Coordinator	2012- Till date	Avian club
Coordinator	2014-2015	JAC Community College
Member	2013-2016	Campus ministry
Member	2011-2013	JACEP
Member	2016- 2020	Fine Arts
Member	2015-2016	OSA
Member	2013- 2019	Entrepreneur cell
Association incharge	2015-Till Date	Zoology Association
Warden	2010-2019	St. Annes Hostel
Coordinator (Zoology Dept)	2018- Till Date	Startup programme of Mushroom Cultivation
Coordinator	2020 – Till Date	AIACHE, Xavier Board & Campus Ministry
Member	2020- Till Date	Consultancy Cell
Convener, Internship Activity Coordinator	Till Date	Institution Innovation Council (IIC)

Award/Prize/Certificate etc. won by the investigator:

S.No.	Name of Award	Awarding Agency	Year
1	Best Teacher Award	Indian World Records, 2Chennai (Reg. No. 165 TN, 4403292 GOVT of India)	2021
2	Shining Star Award	Women Consumer Protection Association, Madurai. (Reg No 35/99)	2021
3	Maha Vidya Mathangi Award	Indira Sundaram Charitable Trust, Tirupur (Reg No 22/2020)	2020

Books and Manual Published

Year	Title	Publication	ISBN
2019	Feathered Friends in Theni	Golden Net Computers, 13-16 Prem Towers I Floor, Old Karur Road. Melachinthamani, Trichy.	978-81-923121-8-7
2017	A Lab Manual based on "National Workshop on Microbial tool and Bioremediation (NWMB-2017)	PG & Research Centre of Zoology. Periyakulam	ISBN : 978 – 81 – 931923 – 8 – 2

General Articles: Book Articles

Book Title	Year	Chapter Title/ Page	Publisher	ISBN
வெற்றி தரும் மாலை	2020	தாழ்ச்சியுள்ள இதயத்தை உருவாக்கும் செபமாலை	Thamarai Publications pvt.lit. Chennai.50	978-93-8598-241-5

Course material prepared:

Book Title	Year	Beneficiaries
Apiculture	2009 - 2010	Skill Based Elective

Research Articles Publications

Total	16
First authored publication	9
Research Publication	13

1. **Dr. S. Iruthaya Kalai Selvam**, Asha Banu2021 Social Factors Influencing Entrepreneurship A Study On With Special Reference To Theni District International Journal of Scientific Research in Computer sciences, Engineering and information Technology ISSN 2456-3307 7(4)314-322

2. T. Nirmala , Arockiam Thaddeus, Anita Kannagi, V. Santhi, S. Catherine, P. Alexander, C. Sagaya Rani, M.R. Delphine Rose, V. Jemima Florence Borgia, **S. Iruthaya Kalai Selvam**, L. Merlin Dayana, A. Irudaya Lourdu Gladis, S. Devashanthi, P. Pushpa And R. Medona Mary 2021 Establishment of water Quality Index in Different Waters of Theni and Dindigul District EM International ISSN: 0257-8050 PollRes.40(2)485-492
3. **S. Iruthaya Kalai Selvam**, S. Marian Bara Joicesky, A. Amolorpava Dashli, A. Vinothini, K. Premkumar (2021) Assessment Of Anti Bacterial, Anti Inflammation and Wound Healing Activity In Wistar Albino Rats Using Green Silver Nanoparticles Synthesized From *Tagetes Erecta* Leaves (2021) Journal Of Applied and Natural Sciences ISSN:0974-9411 (Print) 2231-5209 (Online) 13(1):343-351
4. M Nisha Nair, R. Kanthasamy, R. Mahesh, **S. Iruthaya Kalai Selvam** and S. Ramalakshmi (2019) Identification of Antibacterial Compound from *Bacillus horikoshii*, Isolated from Rhizosphere Region of Alfalfa Plant. Journal of Applied Sciences 19(2): 140-147. ISSN 1812-5654.
5. Nisha M Nair, R. Kanthasamy, R. Mahesh, **S. Iruthaya Kalai Selvam** and S. Ramalakshmi. 2019. Production and characterization of antimicrobials from isolate *Pantoea agglomerans* of *Medicago sativa* plant rhizosphere soil. *Journal of Applied and Natural Science* 11(2): 267- 272 ISSN : 0974-9411 (Print), 2231-5209 (Online). journals.ansfoundation.org
6. Jeya prabha and **S. Iruthaya Kalaiselvam**. (2017). Impact of Biopesticide on pod borers *Helicoverpa armigera* and *Adisura atkinsoni* of *Lablab purpureus* International journal for Innovative Research in Multidisciplinary Field. 3 (3): (ISSN: 2455-0620).
7. **S. Iruthaya Kalai Selvam**, R. Aruna Devaraj, C. Sagaya Rani. (2016). Antagonistic effect of *Tagetes erecta* on soil microbes and nematodes of banana. Journal on Research in Ecology. **4 (2)**: 400-409. (ISSN: 2319-1538).
8. S. Muthulakshmi, **S. Iruthaya Kalai Selvam**, C. Sagaya Rani (2016) Phytochemical and Antimicrobial activities of *Solanum nigrum* and *Solanum trilobatum* . Journal on Research in Ecology. **4 (1)**: 158-171. (ISSN: 2319-1538).
9. **S. Iruthaya Kalai Selvam** and S. Catherine P. Alexander (2016) Research Quality in Indian Higher Education System- Current Scenario. JAC Journal of Science , Humanities and Management **4(1)**: 66-76. (ISSN: 2247-9868).
10. **S. Iruthaya Kalai Selvam**, R. Aruna Devaraj, C. Sagaya Rani. (2015). Allelopathic Effect of *Tagetes erecta* on Soil Microbes and Nematodes of Papaya. *Indo American Journal of Pharmaceutical Research*. 5(10): 3210-3219. (ISSN: 2231-6876).
11. Reenal M and **Iruthaya Kalai Selvam S.** (2015). Green Synthesis and Antibacterial activity of Silver Nanoparticles using *Oryza sativa* Husk Extract. International Research Journal of Environment Sciences 4(5): 68-72. (ISSN: 2319-1414).
12. **Iruthaya Kalai Selvam S**, Nirmala T and Krishnakumar J. (2015). Effect of probiotic bacteria (*Lactobacillus rhamnosus*) on the survival, growth and immune responses of the fresh water prawn *Macrobrachium idea*. International Journal of Pharmacy and Biomedical Research. 2(3): 1-7. (ISSN: 2394-3726).
13. Priya Joy, D. Patric Raja and **S. Iruthaya Kalai Selvam**. 2014. Genetic analysis of somoclonal variation among *Jasminum auriculatum* and its callus. International Journal of Biological Technology. 5(1): 19-24. (ISSN: 0976-4313).
14. Priya Joy, D. Patric Raja and **S. Iruthaya Kalai Selvam**. 2013. Callus induction in the leaf segments of *Jasminum angustifolium*. Botanical Report. 2(1): 3-5. (ISSN: 2319-8230). (ISSN: 2250-2033).
15. Priya Joy, D. Patric Raja and **S. Iruthaya Kalai Selvam**. 2012. Effect of different plant hormones on the callus induction of *Jasminum sambac*. International Journal of Applied Bioresearch. 9: 8-11. (ISSN: 2250-2033).
16. **S. Iruthaya Kalaiselvam** and Aruna Devaraj. (2011). Effect of root exudates of *Tagetes sp.* on egg hatching behavior of *Meloidogyne incognita*. International research journal of pharmacy. 2(10): 93-96. (ISSN: 2230-8407).

Proceedings

1. **S. Gayathri and S. Iruthaya Kalai Selvam (2016-2017)** “Phytochemicals screening and antimicrobial activities of selected medicinal plants of Theni district in Tamilnadu” **Students Projects Scheme Seminar Cum Exhibition**, supported by Tamilnadu State Council for Science & Technology (TNSCST) Government of TamilNadu Chennai.
2. Subbulakshmi S., **S. Iruthaya Kalai Selvam**, Joji Reddy L., Joys Rathinam A. (2016). Green synthesis and antimicrobial activity of silver nano particles using *Senna auriculata* flower extract. Extended Summaries of Contributed Papers International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology-Research and Commercialization”. (5.1.3). 14-20. Loyola Academy Degree & PG College, Old Alwal, Secunderabad - 500 010, Telangana state, India. ISBN: 978-93-7495-634-2. February 25-27.
3. Jeyabharathi S., **Iruthaya Kalai Selvam, S.**, Vennila, B., Nirmala, T. (2016). Green synthesis and antimicrobial activity of silver nano particles using *Moringa oleifera* flower extract. Extended Summaries of Contributed Papers International Conference on “Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology - Research and Commercialization”. (5.1.4). 21-26. Loyola Academy Degree & PG College, Old Alwal, Secunderabad - 500 010, Telangana state, India. ISBN: 978-93- 7495-634-2. February 25-27.

Paper Presented

1. “Bioaction of the peels of *Carica papaya* l. with silver nanoparticle” in the National symposium on Advances in Cancer Research (NSACR-2018) on 14th 2018.
2. “Silver nanoparticle- An overview of Industrial application in Cosmetics” in National Conference on Emerging Trends in Materials -2017, Department of physics, Chemistry and Biotechnology, Mary Matha College of Arts and Science, Periyakulam on 6th March 2017.
3. “Nanoparticles sources and toxicity “” in National Conference on Emerging Trends in Materials -2017, Department of physics, Chemistry and Biotechnology, Mary Matha College of Arts and Science, Periyakulam on 6th March 2017.
4. Green synthesis and Antimicrobial Activity of Silver Nano particles using *Senna auriculata* flower extract in the International conference on Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology - Research and Commercialization. Loyola Academy Degree & PG College, Old Alwal, Secunderabad - 500 010, Telangana state, India. 25-27/2/2016.
5. Green synthesis and Antimicrobial Activity of Silver Nano particles using *Moringa oleifera* flower extract in the International conference on Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology - Research and Commercialization. Loyola Academy Degree & PG College, Old Alwal, Secunderabad-500 010, Telangana state, India. 25-27/2/2016.
6. “Green synthesis and Antibacterial Activity of Silver Nano particles using *Oriza sativa* Husk Extract in National seminar on “Interdisciplinary Application of Biology” Sponsored by UGC. PG & Research Centre of Zoology J.A. College for women (A), Periyakulam. 28 & 29/1/2015.

7. “Industrial waste management” presented in National conference on “Technology for wealth from waste” (Recycling, recovery and Remanufacturing). Loyola Institute of Frontiers Energy(LIFE) & Loyola ICAM College of Engineering and Technology (LICET), Chennai. 8&9//2013.
8. “Effect of Probiotic bacteria (Commercial *Lactobacillus*) on the survival and growth performance of *Cirrhinus mrigala*” presented in National seminar on “New Frontiers in Biology”. J.A. College for Women (A), Periyakulam. 18 & 19 /12/ 2012.
9. “Allelopathy as a Participatory Technology for Resource Poor Banana Farmers” in International Conference on Science, Society and Sustainability “Many Species, One Planet”. Lady Doak College, Madurai. 11 -13/01/2012

Seminar Attended

1. **UGC Sponsored National** seminar on “Ranking the Research Publications: Citation Analysis, Citation Databases and Anti-Plagerism. Central Library, J.A. College for women (A), Periyakulam. 27& 28/1/2016
2. **National** seminar on “Interdisciplinary Application of Biology” Sponsored by UGC. PG & Research Centre of Zoology J.A. College for women (A), Periyakulam. 28& 29/1/2015.
3. **International** seminar on Modern Trends in Applied Microbiology. PG Department of Zoology J.A. College for women (A), Periyakulam. 19/8/2013.
4. **National** seminar on “New Frontiers in Biology” Sponsored by UGC. PG Department of Zoology J.A. College for women (A), Periyakulam. 18th & 19th/12/ 2012.
5. Seminar on “Molding the Christian youth in the light of Christ”. J.A. College for women (A), Periyakulam. 15/09/2011.
6. **National** Level Seminar on “Human Rights” organized by IQAC. J.A. College for Women (A), Periyakulam. 9 - 10.12.2010.
7. **State** level seminar on “Biodiversity- Measures for Conservation and Management” J.A. College for Women (A), Periyakulam. 16/12/2010.
8. **National** Level Seminar on “Inculcation of Values for Holistic Life Amidst Technological Scenario”. J.A. College for Women (A), Periyakulam. 06 & 07/12/2010.
9. **State** level seminar on “Social work Practice in Mental Health: Contemporary Roles, Tasks and Challenges.” Department of Social Sciences, Lady Doak College. Madurai. 29/10/2009.
10. Awareness programme on SILKMARK. PG Department of Zoology, APA College for women, (A), Palani. 17/7/2009.
11. **State** level one-day seminar on “Modern Biological Sciences” with a support of Indian Nation Science Academy New Delhi. PG Department of Zoology, J.A. College for Women (A), Periyakulam. 27/ 01/2009.
12. **State** level seminar on “Christian Values for wholesome Life” sponsored by Xavier Board of Higher Education in India, J.A. College for Women (A), Periyakulam. 29/8/2008.

Conferences Participated

1. **International conference** on Emerging Trends in Synthesis of Nano Particles in Agri Biotechnology - Research and Commercialization. Loyola Academy Degree & PG College, Old Alwal, Secunderabad-500 010, Telangana state, India. 25-27/2/2016.
2. **14th FAOBMB Congress & 84th Annual Meeting of SBC (I) Current Excitement in Biochemistry and Molecular biology for Agriculture and medicine** by Centre for Cellular and Molecular Biology, Hyderabad, India. BITS Pilani, Hyderabad, India. 27-30/ 11/2015.
3. **National** conference on “Technology for wealth from waste” (Recycling, recovery and Remanufacturing. Loyola Institute of Frontiers Energy(LIFE) & Loyola ICAM College of Engineering and Technology(LICET), Chennai. 8&9//2013.
4. **International** Conference on Science, Society and Sustainability “Many Species, One Planet”. Lady Doak College Madurai. 11 -13/01/2012.
5. **International** conference on “BIOETHICS”. M.T.W.U. Kodaikanal. 24 – 26/9/2008.

Workshop / Training Participated

1. National Workshop on Microbial tool and Bioremediation (NWMB-2017). Research Centre and PG Dept. of Zoology, J.A College for Women (A). Periyakulam. 9 &10-2//2017.
2. State level one day Workshop on Polymerase Chain Reaction- Techniques. Research Centre and PG Dept. of Zoology, J.A College for Women (A). Periyakulam. 11-2/9/2015.
3. A **State Level Workshop** on Statistical Packages for The Social Sciences (SPSS). PG & Research Centre of Zoology, J.A. College for Women (A), Periyakulam. 24 - 28/8/2015.
4. One Day Mushroom Training. Department of Floriculture and Medicinal Crops, Horticultural College & Research Institute, Periyakulam. 14/7/2015.
5. Leadership **Training** programme for the faculty members of JAC(A) Periyakulam. Centre for Education Beyond Curriculum (CEDBEC) Christ University, Bangaluru. 29&30/6/2015.
6. **National** level Workshop on E-Content Development for Effective Teaching and Learning. Dept. of physics, J.A College for Women (A). Periyakulam. 11-13/9/2014.
7. **National** level motivational cum capacity building workshop for college teachers organized by Xavier Board of Higher Education, Western Region (India). Pilar Deepti Sadan, Goa. 21-22/3/2014.
8. **State level Workshop** on “Advanced Techniques in Biotechnology. Dept of Biochemistry & Biotechnology, Sourashtra college Madurai. 23-25/1/2014.
9. **State level Workshop** on “Reforms in Curriculum Development and examination System”. J..A..College for Women (A). Periyakulam. 13/11/2013.
10. Counsellor **Training Course in accordance with the standards of Anugraha Institute of Counselling**. J..A..College for Women (A). Periyakulam. 5-

10/6/2013 **State Level Workshop** on Statistical Packages for The Social Sciences (SPSS). PG Department of Zoology J.A. College (A), Periyakulam. 11 -15/2/2013
 days' Environmental awareness programme. Anglade Institute of Natural History, Shenbaganur, Kodaikanal. 20-22/2/2012.

11. **International workshop** on Profiling Research Publications for Quality Research. Sri Saradha College for women. Tirunelveli. 01-02-2012 **State level workshop** on "Hands on Training in Avian Studies". PG Department of Zoology J.A. College (A), Periyakulam. 14-15/2/2012.
12. **Workshop** on "Recent Trends in Science for Talented Rural School Students of Periyakulam Educational District". PG Department of Zoology J.A. College (A), Periyakulam. 12&13/10/2011.
13. Two days' **Workshop** on "Higher Education in a Changing Environment". J.A.C (A), periyakulam. 26 & 27 -11/2010.
14. **National** Level Workshop on "Techniques in Animal Cell Culture". Lady Doak College. Madurai. 22 -26 /2/2010.
15. **State level seminar cum Workshop** on "Future Scope for Young Botanists in Herbal Industries". S.F.R. College for women. Sivakasi. 09/10/2009.
16. The **course** on Social Analysis". IDEAS. Madurai. 07-12/ 06/2009.

Recourse Person

1. Served as a resource person for the Technical Session II Bio Control" in one day State Level Seminar on Environmental Biotechnology on 5th March 2019 organized by Department of Biotechnology and Microbiology, Mary Matha College of Arts and Science Periyakulam.
2. Served as a Resource person in the in service Training Programme for the Science Teachers –Theni District, Catalyzed and Supported by Tamil Nadu State Council for Science & Technology (TNSCST) Government of Tamil Nadu Chennai on 21st February 2019 organized by Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.
3. Served as a Chairperson for the "National Symposium on Advances in Cancer Research (NSACR- 2018) on 14th February 2018 organised by Karpagam Academy of Higher Education, Tamil Nadu.
4. Served as a resource person on the topic "Positive Visualaization" in orientation programme for the students on 22nd to 24th November 2017 organized Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.
5. Served as a resource person to deliver a talk on Mushroom Culture in one week NSS Camp on 17th November to 23rd November 2016 organized by Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.
6. Served as a resource person to deliver a talk on Mushroom Culture in one day NSS Camp on 15th November 2017 organized by Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.
7. Served as a resource person to deliver a talk on Mushroom Culture in one day NSS Camp on 14th November 2017 organized by Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.
8. Served as a member of Youth Talk Jury Panel for the selection of regional level prelims of " ICTACT Youth Contests" conducted by ICTACT Tamil Nadu on 12th and 13th August 2016.
9. Served as a resource person to deliver a talk on Mushroom Culture in one day workshop for economically weaker students supported by Tamilnadu State Council for Science & Technology (TNSCST) Government of TamilNadu Chennai on 10th

February 2014 organized by Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.

Guest Lectures in Club and Cells

S.No	Title	Date/ Year	Name of the Club
1	Bird's Conservation	17/8/2017	Avian Club, Jayaraj Annapackiam College for Women, Periyakulam
2	Wetland bird's identification	27/9/2016	Avian Club, Jayaraj Annapackiam College for Women, Periyakulam
3	Organic Farming and Seed production	11/7/2015	Avian Club, Jayaraj Annapackiam College for Women, Periyakulam
4	Economic Importance of Birds	27/1/ 2014	Avian Club, Jayaraj Annapackiam College for Women, Periyakulam

ONLINE Courses and Workshop Attended

1. Two Day International Webinar on "Recent Trends in Life Sciences" organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous) Periyakulam on 5th & 6th January 2021.
2. Five Day Faculty Development Programme on Insights into Marine Biodiversity and Taxonomy, organised by the Centre for Climate Change Studies. Sathyabama Institute of Science and Technology, Chennai from 10th to 14th August 2020.
3. State level Webinar on "Triage Crisis and Universal Remedy - Covid-19 Perspective" on 3rd June 2020 organised by National Service Scheme, Jayaraj Annapackiam College for Women (Autonomous) Periyakulam
4. Free Statistical Tool for Research Data Analysis and Research Publication with Special Reference to Citation Impact Factor and h Index on 1st and 2nd June 2020 organised by the Library of Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.
5. International webinar on Brief Perspective of Nanotechnology - Biosynthesis and Bio-application of Nanoparticles from 27th to 29th May 2020 organised by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women(Autonomous).
6. International Webinar on "Past and Future of Dermatopotanical in Dermatopharmacology" held on May 26, 2020 organised by Department of Advanced Zoology and Biotechnology, Loyola College (Autonomous) Chennai, Tamil Nadu, India
7. National Webinar on "Outcome Based Education" organised by the Internal Quality Assurance Cell (IQAC) of Jayaraj Annapackiam College for Women (Autonomous) Periyakulam from 22nd to 29th May 2020.
8. International Webinar on "Biodiversity" organised by PG and Research Department of Zoology the American College Madurai on 22nd May 2020.
9. National level Webinar on "Biodiversity Conservation with Special Emphasis on Snakes" organised by Department of Zoology, Nallamuthu Gounder Mahalingam College, Pollachi, Tamil Nadu on 21st May 2020.

10. State level Webinar on “Virtual Reality” organised by Department of Computer Science and Engineering, St. Anne's College of Engineering and Technology on 20th May 2020.
11. Qualified the exam of one week STTP on Advanced Research Methodology from 11th May 2020 to 15th May 2020 organised by REST Society for Research International (RSRI) Krishnagiri, Tamil Nadu, India.
12. National webinar on “Knowledge Gained Through the Challenging Exercise of NAAC: Success Story” organised by St. Joseph's College (Autonomous) Thiruchirappalli on 15th May 2020.
13. 3Day online course on Apiculture from 13th to 15th May 2020 with the passing score of 85% organised by Department of Zoology, AYYA Nadar Janagi Ammal College Autonomous, Sivakasi.
14. 3 day “Digital Marketing” Seminar Program held on 8th, 9th and 10th May 2020. organised by North Strom Academy, India's Largest Digital Marketing Seminar.
15. National level online faculty development program on “Digital Tools for Smart Classrooms in Higher Education” held between 6/5/ 2020 and 7/5 /2020 organised by Jayaraj Annapackiam College for Women Department of Computer Science Periyakulam (Autonomous) Periyakulam.
16. 3 day National Level Faculty Development Programme held on 30th April, 1st May and 2nd May 2020 organized by BMM and B A M M C Department of Lala Lajpat Rai College of Commerce and Economics and University of Mumbai with North Strom Academy.
17. National level online faculty development programme on "Effective usage of ICT Tools for E- Content Preparation between 27/4/ 2020 and 2/5/ 2020 organised by Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.
18. 10 day free online workshop for teachers from 21st April 2020 to 30th April 2020. During the workshop the following components are exposed: creation of basic e-content, Animated e-content, Stop motion animation, Editing e-content, Creating interactive content and Uploading the e content on the web organised by Universal Teacher's Academy Puducherry, India.
19. National webinar on outcome based education on 22.05.2020-29.05.2020 organized by IQAC of J.A. College for women, Periyakulam
20. Biosynthesis and Bio-application of nano particles on 27.05.2020-29.05.2020 organised by PG and Research Centre of Zoology, J.A. College for women, Periyakulam
21. International webinar on Recent Trends in Life Sciences 5th and 6th January 2021 organised by PG and Research Centre of Zoology, J.A. College for women, Periyakulam
22. International webinar on Advanced training scopus paper drafting and free publication process On 22 july2021- Aug16 2021 organised by EUDOXIA Research Centre , Pune ,India
23. National webinar on Journey of *C.elegans* trends in Biotechnology On 13 Aug 2021organised by Department of Microbiology and Biotechnology, Mary Matha College, Periyakulam.
24. webinar on Honey bee : Hope foe life On 27Aug 2021organised by Department of IIC, J.A. College for women, Periyakulam
25. International webinar on Application of Data Sciences in Logistics and supply chain management.(ADALS2K21) On 28 Aug 2021organised by Department of International Business, Karaikudi

Seminar and Workshop Organised

S.NO	Position	Title & Date	Sponsored	Place
1	Organizing Secretary	International Webinar on Brief Perspectives of Nanotechnology-Biosynthesis and Application of Nanoparticles on 27 to 29 May 2020	JAC, Periyakulam	PG&Research Centre of Zoology, J.A.College for Women, Periyakulam

1	Organizing Secretary	National Workshop on Microbial tool and Bioremediation (NWMB-2017) on 09 & 10 February, 2017	JAC, Periyakulam	PG & Research Centre of Zoology J.A. College for women (A), Periyakulam
2	Organizing Secretary	Two Days Science Academics, Lecture Workshop on Frontier Lecture In Biology on 21&22 /3/2016	IAS(Bengaluru) INSA (New Delhi) NASI (Allahabad)	PG & Research Centre of Zoology J.A. College for women (A), Periyakulam
3	Organizing Secretary	National seminar on “Interdisciplinary Application of Biology” 28& 29/1/2015	UGC	PG & Research Centre of Zoology J.A. College for women (A), Periyakulam
4	Organizing Secretary	International Webinar on “Brief Perspectives Of Nanotechnology- Biosynthesis And Application Of Nanoparticles.	J.A. College for women (A), Periyakulam	PG & Research Centre of Zoology J.A. College for women (A), Periyakulam

Research Guidance (Completed and Ongoing)

S.No	Discipline	Ongoing	Completed
1	Under Graduate		2
2	Post Graduate	1	11
4	M.Phil		2
3	PhD	2	

Editorial Board Member

S.No	Journal Name	ISSN No
11	International Journal of Biological Technology	0976-4313