

FACULTY - PROFILE

DECEMBER 2021



Name: Dr. K. KALAISELVAN, M.Sc., B.Ed., DCA., Ph.D.

Designation: Assistant Professor of Zoology

CONTACT

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ACADEMIC QUALIFICATIONS: M.Sc., B.Ed., DCA., Ph.D.

Degree Passed	Name of the Institution	Month & Year of Passing
Ph.D., Zoology (as Full Time)	Nehru Memorial College (Autonomous) Puthanampatti Affiliated to Bharathidasan University, Tiruchirappalli, Tamilnadu	February 2018
M.Sc., Zoology (as Regular)	Aringnar Anna Govt. Arts College Musiri, Trichy -.Affiliated to Bharathidasan University, Tiruchirappalli, Tamilnadu	June 2011
B.Ed., Biology (as Regular)	Kanchi college of Education Kanchipuram- Affiliated to Madras University	March 2009

B.Sc., Zoology (as Regular)	Aringnar Anna Govt. Arts College Musiri, Trichy -.Affiliated to Bharathidasan University, Tiruchirappalli, Tamilnadu	April 2006	
TEACHING EXPERIENCE : 4 years			
<p>Working as ‘Assistant Professor’ in Self Finance Section, in Post Graduate and Research Department of Zoology, Nehru Memorial College (Autonomous), (Accredited with ‘A’ Grade by NAAC) Puthanampatti, Trichy District, Tamilnadu – 621 007, South India. From 5th April 2016 to June 2018.Re-joinig from 06th October 2021 to till date.</p> <p>Working as ‘Teaching Assistant’ in Department of Fisheries Science Alagappa University Established by an Act of the Govt. of Tamil Nadu and recognized by UGC. Accredited with A+ Grade by NAAC (CGPA: 3.64) in the Third Cycle. Tamilnadu-630 003, South India. From 20th July 2018 to 31st May 2020.</p>			
RESEARCH EXPERIENCE : 8 years, 6.Month			
<p>M.Sc, Work December 2010 to April 2011. Ph.D Programme October 2011 to January 2018 M.Sc. Fisheries Science December 2019 to April 2020 Research Experience – 8 years, 6 months. (Guided four M.Sc students)</p>			
ADDITIONAL RESPONSIBILITIES : 06			
<ol style="list-style-type: none">1. SWAYAM online Course Department co-ordinator in Fisheries Science Alagappa University Karaikudi-630 003.2. SWAYAM online Course ACHIEVER’s III position for motivating the Student Secure good result in UGC- SWAYAM/MOOCs Exam May-2019 in the Department of fisheries Science, Alagappa university, Karaikudi.3. Successfully completed for 4 credit online course “food Microbiology and Food safety” Department of Fisheries Science II-M.Sc Student. Mis. Ashmitha J. Mishma.4. NME(Non Major Elective) Department Co-ordinator.5. VPP- Village placement Programme Department Co-ordinator.6. Department Filed visit Department Co-ordinator.			
AREA OF RESEARCH : Biodiversity and Environmental Biology			

Biodiversity of Birds, Environmental Biology, Animal Behaviour and Water pollution. Microbial decomposition of waste materials, Bio fertilizers, Wildlife and Pest Management, Vermiculture. My area of interests includes to detect environmental contaminants, examining bioaccumulation and biomagnifications, food-chain and so on.

RESEARCH SUPERVISION / GUIDANCE : (for past five years)

PROGRAM STUDY	COMPLETED	ON GOING
Ph.D	--	---
M.Phil	--	---
M.Sc.,	04	--

PUBLICATIONS : 08

International

	Publication	URL (Link) of journal
	Kalaiselvan, K and N. Ramesh. 2014. Population status and distribution pattern of Indian blue Peafowl (<i>Pavo cristatus</i> L.) in Thuraiyur area of district, Tamilnadu, Southern India. <i>The Journal of Sci. Trans. Environ. Technov.</i> Vol.8(1) : 44-49	
	Kalaiselvan, K and N. Ramesh. (2014). Studies on roost and characteristics of roosting tree utilized by Indian Peafowl (<i>Pavo cristatus</i> L) at Musiri area, Trichy district, Tamilnadu, India. <i>International Research Journal of Natural and Applied Sciences.</i> Vol.1 (7): 178-191.	file:///C:/Documents%20and%20Settings/TEMP/My%20Documents/Downloads/PAPER15IRJNASDECEMBER014.pdf
	Kalaiselvan. K , C Maruthanayagam and N. Ramesh. 2012. Sub lethal Effects of Aerial Detergent on Nucleic Acid Content of <i>Labeo rohita</i> During the Exposure and Recovery Period. <i>The International Journal of Ecobiol.</i> 31 (4) 139-144 (2012) Palani Paramount Publication. Palani.	
	Kalaiselvan K and D. Sowmiya. 2016. Haemato-biochemical variations induced by the aerial detergent in <i>Labeo Rohita</i> during the exposure and recovery	

	period. <i>International Journal of Zoology Studies</i> . Volume 1; Issue 2; February 2016; Page No. 26-28. Impact factor 5.14 .	
	Karunakaran Kalaiselvan1*, Chinnavenkataraman Govindasamy, and Nayagam Vasanth 2019. Synthesis by silver nanoparticle activity of Larvicidal Using leaf extracts of <i>Andrographis alata</i> against <i>Culex quinquefasciatus</i> <i>International Journal of Bioscience and Biochemistry</i> Volume 2; Issue 2019; Page No. 01-04.	
	Karunakaran Kalaiselvan1*, Chinnavenkataraman Govindasamy 2019. Effect Of Detergent On The Biochemical Variations On Different Tissue Of Labeo Rohita Journal of Aquatic Biology & Fisheries accepted paper ISSN 2321 – 340X (UGC-CARE listed peer reviewed journal).	
	Kalaiselvan, Karunakaran and Govindasamy, Chinnavenkataraman and Karuppannan, Periyasamy, Cultivation of Radish (<i>Raphanus Sativus</i>) in Gray Water and Normal Water and Nutritional Analysis – A Comparative Study	August 6, 2019). Available SSRN: https://ssrn.com/abstract=3433173 or p://dx.doi.org/10.2139/ssrn.3433173
EVENTS ORGANIZED IN LEADING ROLES :01		
SEMINAR/SYMPOSIUM/CONFERENCE/WORKSHOP ORGANIZED (NATIONAL AND INTERNATIONAL LEVEL):01 WEBINAR PROGRAMME -2020 Organizing Member Department of Fisheries Science Alagappa university karaikudi Title of the Webinar “Development of Knowledge of Fisheries Science” And Participated.		
MEMBERSHIP IN		
UG and PG Board of studies member at Nehru Memorial College.		

RESOURCE PERSONS IN VARIOUS CAPACITIES :4

Any Other:

Guiding M.Sc., Project students:

1. Comparative study on grey water and fresh water treatment plant in white radish (*Raphanus sativus*). PG and Research Department of Zoology, Nehru Memorial College (Autonomous) Puthanampatti December-2016 to April-2017, 6 Month.

2. Impact of greywater and fresh water irrigations and planting methods on growth and quality of white radish (*Raphanus sativus*) PG and Research Department of Zoology, Nehru memorial college (Autonomous) Puthanampatti January-2018 to april-2018.

3. Effect Of Microplastic Ingestion On Growth, Survival And Biochemical Composition In Commercial Important Shrimp (*Penaeus Vannamei*) Department Of Fisheries Science School Of Marine Sciences Alagappa University (A State University Accredited With 'A+' Grade By Naac (Cgpa 3.64) In Third Cycle, Graded As Category-1 University By Mhrd-Ugc, 2019: Qs Asia Rank-216, Qs Brics Rank-104, And Qs India Rank 20) January 2018 APRIL, 2020.

4. The Estimation Of Different Fish Feeding Methods On Growth Performance And Fish Yield In Composite Fish Culture System Of Alagappa University Fish Pond. Department Of Fisheries Science School Of Marine Sciences Alagappa University (A State University Accredited With 'A+' Grade By Naac (Cgpa 3.64) In Third Cycle, Graded As Category-1 University By Mhrd-Ugc, 2019: Qs Asia Rank-216, Qs Brics Rank-104, And Qs India Rank 20) January 2018 APRIL, 2020.

PRESENTED PAPERS AND ABSTRACTS PUBLISHED NATIONAL AND INTERNATIONAL LEVEL SYMPOSIUM/ CONFERENCE/SEMINAR:

1. International conference on “**Conservation of Natural Resources**” and Inauguration of 100th Chapter of OISCA- International, South India, at Trichy Chapter, Trichy Tamilnadu Nehru Memorial College(Autonomous) Puthanampatti-621 007,Trichy District, Tamilnadu.17th September 2016.
2. **Kalaiselvan. K & Ramesh, N** Social organization of Indian Peafowl (*Pavo cristatus*) in Thuraiyur area of Trichy District, Tamilnadu, India International conference on ‘ **Molecular Advances in Biomedical Research (ICMABR)**’ Trichy Tamilnadu Nehru Memorial College(Autonomous) Puthanampatti-621 007,Trichy District, Tamilnadu.6th & 10th February 2018.
3. International conference on “**Recent Trends in Microbiology (RTM-2019)**” organized by the Department of Microbiology, Alagappa University, Karaikudi 24-25 January, 2019.

4. 3rd International Conference on” **Applied Nanoscience & Nanotechnology (ICANN-2019)**” Conducted by Department of NanoScience and Technology Alagappa University, Karaikudi, Tamil Nadu, India, during 18th & 19th March , 2019.
5. International Conference “**on Bioplastics (BIOP 2019)**” Organized by the Department of Microbiology, Alagappa University, Karaikudi on 2nd April, 2019.**RUSA.2.0**

SYMPOSIA

1. Two day national level symposium “**Current Perspectives in Animal Biotechnology**” at Bharathidasan University, Tiruchirappalli From 3rd & 4th February 2011.
2. National Symposium “**Impact of Climate Change on Biodiversity**” on Paper Presented Population and Distribution of Indian Peafowl (*Pavo cristatus*) in Perambalur district. Tamil Nadu. at Periyar University.23rd January 2013. Salem.

SEMINARS

1. One day State level Seminar “**Bioinfotech- Biochem**” 2005 at Arignar Anna Govt.arts College. Musiri from 07th.February 2005.
2. One day State level seminar on “**Bio.sci2k5**” at Arignar Anna Govt. Arts College, Musiri From 3rd September 2005.
3. National Level Seminar on “**Global Environmental Issue and Remediation Technologies**” “(GEIRT- 2012) held on 3rd February 2011. At Periyar University, Salem.
4. National Seminar on “**Current Perspectives in Biological Sciences**” (**Nsopibs- 2012**) on Paper Presented Population and Distribution of Indian Peafowl (*Pavo cristatus*) in Trichy district southern India, Tamil Nadu. at Rajah Serfoji Govt. College (Autonomous) Thanjavur. October-2012.
5. National Seminar on “**Recent Trends in Biological Sciences**” (NSRTBS- 13) on Paper Presented Population and Distribution of Indian Peafowl (*Pavo cristatus*) in Musiri area district. Tamil Nadu at Nehru Memorial College Puthanampatti (Autonomous) March 7th & 8th - 2013,Trichy.
6. National Seminar on “**Frontiers in Biotechnology**” (NSFB-25013) at Tamil Nadu at Nehru Memorial College (Autonomous) Puthanampatti, Trichy, Tamilnadu. India.
7. National Seminar on “**Theme Meeting on Environmental Receptivity of Industrial Effluents and their influence on marine Ecology & DAE Technologies for Water Treatment**”, organized by the Department of Biotechnology, Alagappa University During August 9-10, 2019.

WORKSHOP

1. Two day workshop on “**Biostatistics & Statistical packages**” at Periyar E.V.R. College (Autonomous & Accredited) Tiruchrappalli. September 30th & 1st October-2013.
2. Two day National Workshop on “**Statistical Packages and Their Application In Life Sciences**” at Rajah Serfoji Govt. College (Autonomous) Thanjavur. August 7th & 8th 2014.
3. One day workshop on “**Scanning Electron microscopy**” at Periya Maniammai University. Thanjavur April 20th -2013
4. Two day workshop on “**Need Based Value Added Research Proposal Writing**” at Nehru Memorial College Puthanampatti (Autonomous) September 25th & 26th -2014.
5. Two day Lecture workshop on “**Modern Trends in Biological Sciences**” at Nehru Memorial College Puthanampatti (Autonomous) October 9th & 11th-2014.

6. Two day Lecture workshop on “**Science academics’ lecture workshop on Biodiversity and Biotechnology**” at Srimad Andavan Arts And Science College (Autonomous) Tiruchiraappalli, 06th -07th October 2016.
7. Two day Lecture workshop on Science academics lecture workshop on “**frontiers in life science**” at Nehru Memorial College Puthanampatti (Autonomous) 17th & 18th, January, 2017.
8. Two days workshop on **Rain water harvesting and Re-use of greywater for Agriculture purpose** at Nehru Memorial College Puthanampatti (Autonomous) 22th & 24th, August 2017.
9. One day workshop on **Design and Development of MOOCs** for the Faculty Members of Alagappa University and Affiliated College, Karaikudi-630 003. held on 8th November , 2018
10. Two days National Workshop on “**Indigenous Cow Management & their Value Added Products (ICMVAP-2K18)**” **December, 2018.** Alagappa University , Karaikudi-630 003.
11. Three-day international Workshop on “**E-Content Development for MOOCs among the faculty Members**” organized by the Digital Education Cell, Alagappa University, Karaikudi, held on from 10th , 12th & 13th of September 2019.
12. One day workshop on “**water conservation**” organized by the Jal shakti, & Environmental awareness Culb, Alagappa University, karaikudi, held on 22nd November, 2019.

PAPER PRESENTED IN NATIONAL LEVEL

1. **Kalaiselvan, K & N. Ramesh.** (2012). Population and Distribution of Indian Peafowl (*Pavo cristatus*) in Trichy district southern India, Tamil Nadu India. Paper presented National seminar on Current Perspectives in Biological Sciences” on 11th and 12th October- 2012, Conducted by PG and Resarch Department of Zoology, Rajah Serfoji Govt. College (Autonomous) Thanjavur.- 613 005, Tamilnadu, (Absract No 62, Page No 69)
2. **Kalaiselvan, K & N. Ramesh** Population and distribution o Indian Peafowl (*Pavo cristatus*) in Perampalur district, Tamilnadu South India. Paper presented in ‘National Symposium on Impact of Climate change on Biodiversity’ on 23rd January 2013, conducted by PG and Research department of Zoology, Periyar university salem-613 011, Tamilnadu. (Abstract Page No: 7& 8) (**National Symposium**).
3. **Kalaiselvan, K & N. Ramesh** Population and Distribution of Indian Peafowl (*Pavo cristatus*) in Musiri area Trichy district. Tamil Nadu. Paper presented in national Seminar on Recent Trends in Biological Science’ on 7th and 8th March 2013, conducted by PG and Research Department of Zoology, Nehru Memorial College (Autonomous) Puthanampatti-621 007, Trichy District, Tamilnadu.(Abstract No. 38, page No. 43&44) **National Seminar.**
4. **Kalaiselvan, K & N. Ramesh** Encounter rate of Indian Peafowl (*Pavo Cristatus*) Linnaeus, (1758) in Thuraiur area of Trichy District, Tamil Nadu, Southern India Paper Presented in National Seminar on 17th September-2016.conducted by PG and Research Department of Zoology, Nehru Memorial College (Autonomous) Puthanampatti, Trichy, Tamilnadu.
5. **Kalaiselvan, K & N. Ramesh** Anthropogenic Pressures In The Indian Peafowl (*Pavo Cristatus*, Linnaeus 1758) Habitats At Thuraiur Area of Trichy District, Tamil Nadu, Southern India. Paper presented in National Seminar on 16th to 18th February 2017.Conducted by Pg and research Department of Zoology and wildlife at A.V.C. College (Autonomous) Mannampandal, Mayiladuthurai.
6. **Kalaiselvan. K & Ramesh, N** Social organization of Indian Peafowl (*Pavo cristatus*) in Thuraiyur area of Trichy District, Tamilnadu, India Paper Presented in National Seminar on 17th September-2016.conducted by PG and Research Department of Zoology, Nehru Memorial College (Autonomous) Puthanampatti, Trichy, Tamilnadu.

PAPER PRESENTED IN INTERNATIONAL LEVEL

1. **Kalaiselvan. K and Karuppanan. P**, Larvicidal activity of silver nanoparticle synthesized by the leaf extracts of *andrographis alata* against *Culex quinquefasciatus* (say) (Diptera: culicidae). The Paper presented in 3rd International Conference on” **Applied Nanoscience & Nanotechnology (ICANN-2019)**” Conducted by Department of NanoScience and Technology **Alagappa University**, Karaikudi, Tamil Nadu, India, during 18th & 19th March , 2019. **International Conference. RUSA.2.0**

FACULTY DEVELOPMENT PROGRAMME (FDP):02

1. One day faculty development Programme on “**SOFT SKILLS**” organized by the Internal Quality Assurance Cell (IQAC) of Nehru Memorial College (Autonomous) on 27th December 2016 under the aegis of UGC Autonomous Grant.
2. Two day faculty development Programme on “**SOFT SKILLS**” organized by the Internal Quality Assurance Cell (IQAC) of Nehru Memorial College (Autonomous) on 12 & 13th June 2016 under the aegis of UGC Autonomous Grant.

Place: Puthanampatti.
Date: December 2021

(K. KALAISELVAN)

