

## **RESUME**

1. Name : Dr. P. KUMAR
2. Father Name : Mr. K. PANDIAN
3. Sex : Male
4. Marital status : MARRIED
5. Religion : HINDU
6. Nationality : Indian
7. Date of Birth : 18/04/1986
8. Place of birth : SRIVILLIPUTTUR
9. District and State : VIRUDHUNAGAR & TAMIL NADU
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#### 14. Academic Qualification

S.No	Degree	Year	Subject	University/Institution	% of Marks
1	Ph. D	2015	Zoology	Manonmaniam Sundarnar University, SPKCES, Alwarkurichi, Tirunelveli	Highly commended
2	M. Phil	2009	Zoology	Ayya Nadar Janaki Ammal College, Sivakasi. Madurai Kamaraj University, Madurai.	71.60
3	M.Sc	2008	Zoology	Ayya Nadar Janaki Ammal College, Sivakasi. Madurai Kamaraj University, Madurai.	74.42
4	B. Sc	2006	Zoology	Ayya Nadar Janaki Ammal College, Sivakasi. Madurai Kamaraj University, Madurai.	64.20
5	HSC	2003	Pure Science	G.S Hindu Higher secondary School, Srivilliputtur	59.41
6	SSLC	2001	-	Government High School, Krishnankoil	64.20

#### 15. Ph.D details

Ph.D thesis title : Biodiversity of Terrestrial Fauna in 30Km Radius of Kudankulam Nuclear Power Plant  
Guide's Name : Dr. A.G. Murugesan  
Institution/ University : Manonmaniam Sundarnar University, SPKCES, Alwarkurichi, Tirunelveli  
Year of Award : 2015

#### 16. Teaching Experience

S. No	Position held	Name of the Institute	From	To
1	Assistant Professor Zoology	National College, (Autonomous), Tiruchirapalli-620 001.	04/08/2023	28/10/025
2	Assistant Professor Zoology	G. Venkataswamy Naidu College, (Autonomous), Kovilpatti -628 502.	09/07/2018	31/01/2022

#### 17. Research Experience

S. No	Position held	Name of the Institute	From	To
1	Senior Research Fellow	Plant Quarantine Station, Ministry of Agriculture and Cooperation and Farmers Welfare, Trivandrum 695008.	01/12/2014	30/06/2018
2	Junior Research Fellow	Sri Paramakalyani Centre for Excellence in Environmental Science, Alwarkurichi, Tirubelveli-627 012.	16/05/2011	11/15/2014
3	Research Assistant	St. Xavier's College, Palayankottai, Tirunelveli-627 002.	27/09/2009	05/01/2010

### 18. Research Publications (Peer reviewed, National and International journals)

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	P. Kumar and A.G. Murugesan	Diversity of ant fauna in 30KM radius of Kudankulam Nuclear Power Plant area, Tamil Nadu, India P	Uttarpradesh Journal of Zoology	43(21)	58-65	2022
2	Kumar P, Makesh Kumar. B	Seasonal Diversity and Distribution of Butterflies in G.Venkataswamy Naidu College Campus, Kovilpatti, Tuticorin District, Tamil Nadu	Advances in Zoology and Botany	9(5)	91 -99	2021
3	Ramarajan, S. Kumar P and Darwin, PE	Nesting Ecology of the Painted Stork, <i>Mycteria leucocephala</i> at Koonthankulam Birds Sanctuary, Tirunelveli, Tamil Nadu	Indian Forester	147 (10)	813-823	2017
4	P. Kumar., Ramarajan and A.G. Murugesan.	Diversity of butterflies in relation to climatic factors in Environmental Centre Campus of Manonmaniam Sundaranar University, Tamilnadu India.	Journal of Entomology and Zoology Studies.	15(2)	1125-1134.	2017
5	Kumar P., Ramarajan and Darwin, PE	Effect of Non-human primates on Tourism of Kalakad Mundandurai tiger reserves and Anamalai tiger reserves	Indian Forester	141(10)	1041-1043.	2016
6	P. Kumar., C. Sundaravedivelan., D. Vasanthakumar and A. Babu	Enhanced acaricidal activity of <i>Senna auriculata</i> and <i>Ocimum tenuiflorum</i> extracts with the addition of adjuvant against red spider mite, <i>Oligonychus coffeae</i> Nietner (Acarina : Tetranychidae) infesting tea	Journal of Tea science Research	6(10)	1-10	2016
7	P. Kumar., S. Ramarajan and A.G. Murugesan	Effect of inorganic fertilizers on Mortality and Ovicidal action of Dengue vector, <i>Aedes</i>	International Journal of Mosquito research.	2(4)	36-42	2015

		<i>aegypti</i> L. Diptera: Culicidae				
8	S. Ramarajan P. Kumar., and Darwin.	Status of waterbirds of Ambasamudrum tank, Tirunelveli, Tamil Nadu.	Indian Forester	141(10)	1084-1086	2015
9	P. Kumar and A.G. Murugesan.	Species diversity and habitat association of butterflies around 30 Km radius of Kudankulam Nuclear Power Plant area.	International Journal of Biodiversity Conservation	6(8)	608-615.	2014
10	P. Kumar., S. Ramarajan and A.G. Murugesan.	Butterflies of Pillavakal dam of Giant Grizzled Squirrel wildlife sanctuary, Srivilliputtur Tamil Nadu India.	World Journal of Zoology	9(1)	46-51	2014
11	Sundaravadivelan, C., Kumar. P., Anburaj. J. Kuberan, T. and S. Sivasubramanian	Effect of pesticides on shot hole borer <i>Euwallacea fornicatus</i> (Eichhoff) (Scolytidae: Coleoptera) feeding pathogenic fungi <i>Fusarium bugnicourtii</i> (Brayford).	Indian Journal of Microbiology Research	1(1)	52-55	2014
12	Kumar P., Ramarajan, S and Maharajan.	Immunostimulatory effect of Vitamin E on infected common carp <i>Cyprinus carpio</i> (L). against <i>Acromonas hydrophila</i>	Journal of Research in Ecology	2(1)	07-14.	2014
13	D.Vasanthakumar, A.Roobakkumar, M.S R. Subramaniam, P.Kumar, C.Sundaravadivelan and A. Babu.	Evaluation of certain leaf extracts against red spider mite, <i>Oligonychus coffeae</i> (Acarina: Tetranychidae) infesting tea.	International Journal of Acarology	38(2)	135-137	2012
14	Vasanthakumar, D., Roobak Kumar, A, Jasin Rahman, V., Kumar, P., Sundaravadivelan, C and A. Babu.	Enhancement of the reproductive potential of <i>Mallada boninensis</i> Okamoto (Neuroptera: Chrysopidae), a predator of red spider mite infesting tea: An evaluation of Artificial diets,	Arch. Biol. Sci., Belgrade.	64 (1)	281-285.	2012
15	Kumar, P., Baskaran, S., Sundaravadivelan, C., Anburaj, J. and	Influence of environmental factors on insect pollination activity of <i>Mangifera</i>	Asian Journal of Plant Science and	2 (6)	692-698	2012

	T. Kuberan.	<i>indica</i> Linn.,	Research			
16	N.Kamalam, J., Anburaj, J., Kuberan,T., Sundaravadivelan, C., Kumar, P., Starlin, T., Tamil Selvi, A. and M. Vimala Devi.	DNA amplification and characterization of pigment producing gene from <i>Monascus ruber</i> .	European Journal of Experimental Biology	2 (2)	427-435	2012
17	RoobakKumar, A., Babu, A., Sankara Rama Subramaniam, M and Kumar. P	Assessment of resistance level in tea red spider mite, <i>Oligonychus coffeae</i> against certain acaricides	. Journal of plantation crops	40(1)	23-27	2012
18	Subbulakshmi, N., Ramarathinam, S., Anburaj, J., Sundaravadivelan, C., Kuberan, T., Kumar, P., Starlin, T. and Marimuthu	Compatibility of neem based oil nimbecidine with entomopathogenic fungi. International.	Journal of Applied Bioresearch	4	12-15	2012
19	P. Kumar., Baskaran, S., Sundaravadivelan, C., Anburaj, J and T. Kuberan.	Insect visitors of pumpkin, <i>Cucurbita Maxima</i> Duch., in relation to temperature and relative humidity	International Journal of Agricultural Technology	8(2)	501-513.	2012
20	Sundaravadivelan, C., Kumar, P. and A. Babu.	Acaricidal activity of plant extracts on red spider mite	News Letter UPASI Tea Research Foundation	20 (1)	3	2010
21	Roobakkumar, A., Babu A., Kumar, P. and N. Muraleedharan.	Variation in the esterase activity between two different populations of the red spider mite, <i>Oligonychous coffeae</i> Nietner (Acarina: Tetranychidae) infesting tea.	Journal of Biosciences Research.	2(1)	5-9	2011
22	Sudha Lakshmi, J., Kuberan, T., Anburaj, J., Sundaravadivelan Kumar, P. and Manorama Dhanaseeli.	Effect of plant growth promoting fungal inoculant on the growth of <i>Arachis hypogea</i> (L.) and its role on the induction of systematic resistance against <i>Rhizoctonia solani</i> .	International Journal of Applied Biology and Pharmaceutical Technology	2(2)	222-232	2011
23	Kuberan, T., Anburaj, J., Sundaravadivelan,	Biodegradation of Azo Dye by <i>Listeria Sp.</i>	International Journal of Environmen	1(7)	1760-1770	2011

	C and P. Kumar.		tal Sciences			
24	Sundaravadivelan, C., Chandrasekar, S., Sevarkodiyone, SP., Kumar, P., Kuberan, T., Anburaj, J. and D. Vasanthakumar.	Inter-generic bio-variability and relative abundance of adult female biting mosquitoes in wet and dry land areas of selected villages in a semiarid zone	International Journal of Environmental Sciences	2(1)	337-351	2011
25	Kuberan, T., Vidya Pallavi, R., Anburaj, J., Sundaravadivelan, C., Kumar, P. and V. Prabakaran.	Degradation and quantification of polyaromatic hydrocarbon by <i>Pseudomonas sp.</i> Prime.	Journal of Microbiology Research	1(1)	1-6.	2011
26	Anburaj, J., Ravinder Singh, C., Kuberan, T., Sundaravadivelan, C. and P. Kumar,	Effect of plant growth regulator on callus induction from leaf explants of <i>Cleome viscoa</i> , Research Journal of Pharmaceutical	Biological and Chemical Sciences	2(2)	576-583	2011
27	Sundaravadivelan, C., Isaiarasu, L., Manimuthu, M., Kumar, P., Kuberan, T. and Anburaj	Impact analysis and confirmative study of Physio-chemical, nutritional and biochemical parameters of vermiwash produced from different leaf litters by using two earthworm species.	Journal of Agricultural Science and Technology	7(5)	1443-145.	2011

h-index : 10  
i10 index: : 10  
Total citations : 277

### 19. Workshop attended

S.No	Title of the programme	Duration	
1	Workshop on ‘‘Data Analysis using SPSS’’	22.05.2025	23.05.2025
2.	Workshop on’’ Histopathological techniques’’	14/02/2025	14/02/2025
3.	Workshop on’’ Foldscope and its application’’	30/12/2024	31/12/2024

### 20. FDP Programme attended

S.No	Title of the Programme	Duration	
1	FDP programme on SWYAM NPTEL – Experimental Nanobiotechnology	February 2025	March 2025

2	FDP programme on National College'' Professional Development for Educators.	10.06.2024	15.06.2024
3	FDP programme attended on Seethalakshmi Ramasamy College'' technology Integration in Learning and teaching.	19.08.2024	22/08/2024

### 21. International National Seminar,/Conference attended

S.No	Title of the Programme	Duration	
1	Biolarvicidal effect of phyto-synthesized silver nanoparticles using <i>Cleome viscosa</i> leaf filtrates against filarial vector <i>Culex quinquefasciatus</i> Say (Diptera; Culicidae)'' 3 <sup>rd</sup> National Conference on Lymphatic Filariasis : Elimination 2015- Mission Possible, CRME- ICMR, Madurai	05/06/2015	06/06/2015
2	Effects of tourism on Non-human primates of Kalakad Mundandurai and Anaimalai tiger reserves of Tamil Nadu. National level Seminar on '' Current Trends in Biodiversity Conservation and Forest Management''	06/01/2014	07/01/2014
3	Effects of pesticide on shot hole borer <i>Euwallacea fornicatus</i> (Eichhoff) (Scolytidae: Coleoptera) feeding pathogenic fungai <i>Fusarium bugnicourtii</i> (Bray ford). National Conference on Ecology and Conservation''	12/12/2013	13/12/2013

### 22. Certificate received

S.No	Certificate	Duration	
1	Certificate course completed in SWYAM NPTEL -Experimental Nanobiotechnology	February 2025	March 2025
2	Certificate course completed in SWYAM NPTEL Wildlife and its conservation	January 2025	April 2025
3	Certificate course completed in SWYAM NPTEL Introduction to Statistics	July 2024	September 2024
4	Certificate course completed in SWYAM NPTEL Wildlife Ecology	July 2024	October 2024
5	Certificate course completed in SWYAM NPTEL Introduction to Biostatistics	January 2025	April 2025
6	Certificate course completed in SWYAM NPTEL Experimental Biotechnology	July 2024	October 2024
7	Certificate course completed in SWYAM NPTEL Environmental Science	July 2024	October 2024
8	Certificate course completed in SWYAM NPTEL Ecology and society	July 2024	October 2024
9	FDP programme participated on National College'' Professional Development for Educators,,	10 June 2024	15 June 2024

10	Certificate course completed in SWYAM NPTEL Applied Environmental Microbiology	January 2021	April 2021
11	Certificate course completed in SWYAM NPTEL wildlife Ecology	July 2021	October 2021

### 23. Details of patents

Design Number : 401220-001  
Date of Registration : 01/12/2023  
Date of Issue : 02/02/2024  
Title of the Patent : Stomach (Gastric) Cancer Detector Device  
Applicants: : Dr. P. Kumar

Description: The design is registered for the shape and configuration of the Stomach (Gastric) Cancer Detector Device. The registration does not claim any mechanical function or construction principles of the device, nor does it claim exclusive rights to any words, letters, numbers, or trademarks appearing in the design.

### 24. Research guidance

M.Sc. Dissertation : Awarded : 04

### 25. List of Completed projects: 01

S.No	Title of the Project	Duration		Total Cost (Rs.)	Name of Funding Agency	Status
		From	To			
1.	Assessment of Resistance in Agricultural Crop Pests against Pesticides- New Approach on IPM	2024	2025	7500	Tamil Nadu State Council for Science and Technology, Chennai - 25	Completed

### DECLARATION:-

I certify that the foregoing information is correct and complete to the best of my knowledge and belief.

Place: Madurai  
Date: 27.03.2026

Signature  
(Dr. P. Kumar)