

FACULTY PROFILE

Name of the Staff : **Mr. KARTHIGEYAN M**
Official Address : Assistant Professor
ARUMUGAM PILLAI SEETHAI AMMAL COLLEGE,
VALLAL ARUMUGAM PILLAI ROAD, TIRUPPATTUR – 630 211.
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Personal Details:

Age : 46
Date of Birth : 09/04/1978
Sex & Marital Status : Male & Married
Citizenship : Indian
Department : ZOOLOGY
Date of Joining : 21/02/2007

Qualification:

Degree	Programme and Specialization	Class/CGPA	Month & Year of Passing	Institute/University
M.Phil	B.Sc. Zoology, Biodiversity of Earthworms	First	04/2004	MK University, Madurai

Professional Experience:

Teaching Experience:

Designation	Institute/University	Period		Nature of Duties
		From	To	
Assistant Professor	Arumugam Pillai Seethai Ammal College, Tiruppattur	21/02/2007	20/12/2022	Teaching Research

Other Academic Credentials:

S.No	Title
1	Not Applicable

Area of specialization:

S.No	Title
1	Vermitechnology and Biodiversity of earthworms

Course Taught:

S.No	Course Title	U.G. or P.G
1	Invertebrata, Chordata, Biochemistry, Vermiculture, Conceptual Zoology, Value Education	U.G

H-Index:

Research Gate	Google Scholar	Scopus	Web Of Science
3	5	3	4

Development or Training Activity:**Organized:**

S.No	Role	Title	Period		No. of Participants	Course Type	Type of Program
			From	To			
1	Organizing Committee	Workshop on "Preservation of Zoological Specimens.	02/03/2021	04/03/2021	42		Students skill development
2	Convener	Novel lternative treatment strategy for combating the antibiotic esistant in bacterial pathogens"	25/06/2020	25/06/2020	300		Orientation Programme
3	Organizing Secretary	The Environment Post. COVID: Mirage or Hope?	26/06/2020	26/06/2020	250		Orientation Programme
4	Organizing Committee	National Seminar on "BIOVISION-2014" (Recent Trends and Future Perspectives of Biosciences)	05/09/2014	06/09/2014	125		Faculty Development

Attended:

S.No	Title	Period		Venue	Course Type	Type of program
		From	To			
1	"Research Innvations in Biological Sciences and Physical Sciences"	23/03/2022	12/04/2022	Syed Ammal Arts and Science College, Ramanathapuram	FDP	Faculty Development Programme
2	"Biotechnological Innovations in Health Care"	14/03/2022	18/03/2022	P.G & Research Department of Zoology, St. Mary's College, (Autonomous) Thoothukudi,	FDP	Faculty Development Programme
3	"Insights into Marine Biodiversity and Taxonomy"	10/08/2020	14/08/2020	Centre for Climate Change Studies, Sathyabama Institute of Science and Technology, Chennai	FDP	Faculty Development Programme
4	UGC Sponsored Orientation Course	01/11/2008	28/11/2008	UGC-Academic Staff College, Bharathidasan University, Tiruchirappalli	Orientation Programme	Orientation Programme

S.No	Title	Period		Venue	Course Type	Type of program
		From	To			
5	UGC-Sponsored Refresher Course in Life Sciences	06/05/2015	26/05/2015	UGC-Human Resource Development Centre, Bharathiar University, Coimbatore	Refresher Course	Refresher Course
6	Refresher course in "Ecology & Environmental Studies (Multi-Disciplinary)	02/11/2016	22/11/2016	Human Resource Development Centre, Madurai Kamaraj University, Madurai	Refresher Course	Refresher Course
7	UGC-Sponsored Refresher Course in Life Sciences	05/03/2020	18/03/2020	UGC-Human Resource Development Centre, Madurai Kamaraj University, Madurai	Refresher Course	Refresher Course
8	Presented a paper in the National Seminar on "Modern Enhancement in Life Science"	16/03/2018	16/03/2018	Department of Microbiology, Syed Hameedha Arts & Science College, Kilakarai		National Seminar
9	Presented a paper in the International Conference on "Conservation of Natural Resources"	17/09/2016	17/09/2016	Research Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti, Trichy		International Conference
10	Participated in the NAAC – IQAC sponsored seminar on Innovative Practices in Teaching and Learning.	04/10/2016	04/10/2016	IQAC, APSA College, Tiruppattur		NAAC – IQAC sponsored seminar
11	"Molecular Physiology, Therapeutics and Experimental medicine " (MPTEM-2016)	06/09/2016	07/09/2016	Department of Animal Health and Management , Alagappa University, Karaikudi		International workshop
12	Awareness Campaign for "Protection of Female Infants"	04/03/2016	04/03/2016	Government Maruthupandiya r Hospital, Tiruppattur, Sivagangai Dist		Awareness Campaign

S.No	Title	Period		Venue	Course Type	Type of program
		From	To			
13	"Role of Nuclear energy for sustainable future development and environmental safety	05/02/2016	05/02/2016	PG & Research Department of Physics and Zoology. Raja Doraisingam Govt, Arts College, Sivagangai		National seminar
14	YRC Programme Officers of the Colleges of Alagappa University	30/09/2015	30/09/2015	Indian Red Cross Society and Alagappa University, Karaikudi		Orientation Programme
15	"BIOVISION-2014" (Recent Trends and Future Perspectives of Biosciences)	05/09/2014	06/09/2014	Department of Zoology and Botany, Arumugam Pillai Seethai Ammal College, Tiruppattur		UGC Sponsored National Seminar
16	Bio-knowledge for Better Environment"	28/02/2012	29/02/2012	Syed Hameedha Arts & Science College, Kilakarai		National seminar
17	" Bio-cross Roads 2011".	22/09/2011	23/09/2011	KSG College of Arts & Science ,Coimbatore		National symposium

Expert Lecture Delivered/Judge:

S.No	Title	Period		Venue
		From	To	
1	Invited a special lecture on Scopes in Biology	07/08/2019	07/08/2019	Erode Arts and Science (Autonomous), Rangampalayam, Erode.

Other Credentials:

S.No	Title
1	NSS Programme Officer in our College since 2021.
2	Convener of Dr.Salim Ali Nature Club. Affiliated to the Youth Movement of WWF –India.
3	Zoology Alumni Association Secretary in the Department level
4	Question paper setter in Various Universities/Colleges. (Bharthidasan University Tiruchirappalli, Pondichery

Membership in Professional bodies:

S.No	Name of the society	Grade of Membership
1	Joint Secretary of International Lions Club,	Member

Awards:

S.No	Title
1	Nil

Research Achievements:**International Journal Publications:**

S.No	Title of the Paper	Name of the Journal	Vol.No & Page No.	Month & Year	Current Status
1	GC-MS analysis of bioactive compounds from <i>Lessertia montana</i> leaf extract	Bioinformation	17(10) & 846-850	10/2021	Published
2	Dissecting the functional role of microRNA 21 in osteosarcoma	Cancer Gene Therapy	26 & 179-182	03/2019	Published
3	MicroRNA21 and the various types of myeloid leukemia	Cancer Gene Therapy	25 & 161-166	05/2018	Published

International Book Publishing:

S.No	Title Of The Book	Name Of The Publisher	Type	Year Of Publishing
1	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
2	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
3	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
4	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
5	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
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7	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
8	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
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20	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
21	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
22	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
23	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
24	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
25	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
26	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023
27	• Bioprospecting of Tropical Medicinal Plants, 2023. In a topic, Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils	Springer	International	2023

Other Contribution work to the Institute/Organization:

S.No	Name	Role	Period		Nature of Duties
			From	To	
1	Active Member of YRC (Youth Red Cross) in our College from 2012 to 2021.	Member	06/15/2012	15/06/2021	Blood Donation camp, Awareness programmes
2	Eco club in our College from 2017 to 2019.	Convener	07/12/2017	16/05/2019	Tree plantation, Plastic awareness in society

S.No	Name	Role	Period		Nature of Duties
			From	To	
3	Tamil Nadu Science Forum, Sivagangai District	Organising Committee Member	07/30/2019	01/08/2019	"Guide Teachers Training Programme"
4	Youth Red Cross Club	Organizing Committee member	10/15/2019	15/10/2019	voluntary Blood Donation Camp
5	26th National Children's Science Congress-2016, Tamil Nadu	Evaluator	11/03/2018	03/11/2018	Science project presentation for School