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BIO-DATA

Name	:	T. Sakthika
Sex	:	Female
Community	:	Hindu Nadar
Address	:	W/o. J. Pon Saravanan 16 - 6/1, Main Road, Pandaravilai & post Srivaikundam Taluk, Thoothukudi District, Pin - 628 751
Contact No	:	04630-270218, +91 9487279754
Educational Qualification	:	M.Sc., M.Phil., Ph.D
Specialization	:	Qualified SLET for Lecturer and obtained University 3 rd Rank in M.Phil.
Main Subject	:	Zoology

• **Educational Qualifications:**

Course	Institution	University	% of Marks	Class	Year of passing	Subject
S.S.L.C	Govt. Hr. Sec. School, Monikettipottal, Nagercoil	State Board	66%	First	Mar-87	State Board
H.S.C	Govt. Hr. Sec. School, Monikettipottal Nagercoil	State Board	64.8%	First	Mar-89	Science
B.Sc	Sivanthi Adithanar College, Nagercoil	Madurai Kamaraj. University	82%	First	Apr-92	Zoology
M.Sc	Scott Christian College, Nagercoil	M.S. University	70%	First	Apr-94	Zoology
M.Phil	St. Mary's College, Tuticorin	M.S. University	78%	First & university 3 rd rank	Apr-95	Marine Micro Biology & Bio Technology in Marine Science

Ph.D	M.S.University	M.S. University	--	--	Feb-2014	“Fluoride toxicity on the fish <i>Mystus montanus</i> (Jerdon,1849) and Albino rat and Bioremedial measures using Probiotic bacteria”
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• <u>Working Experience</u>	:	As Assistant professor in Zoology (21-Years and 4 months).
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Course	Institution	Place	Years
M.Sc (Zoology)	V.O.C College	Thoothukudi	6-Years
B.Sc ((Micro-Biology) & M.Sc (Zoology)	Kamaraj College	Thoothukudi	4-Years & 7 months
B.Sc (Zoology)	G.A. College	Tiruchendur	10-Years
B.Sc (Zoology)	A.P.C.M.college	Thoothukudi	24 th August onwards

• Research Experiences:

- Published a paper on “Effect of *Spirulina platensis* meal as a feed additive on growth performance and survival of kissing Gourami (*Helostoma temminckii*)” in the Journal of Scientific Transactions in Environment and Technovation , 2011, 4(4): 174-176.
- Published research paper on “Effects of dietary supplementations with *Lactobacillus sporogens* and *L. rhamnosus* on growth performance and selected blood parameters in *Mystus montanus*” in the journal of Ecobiology, 2011, 29(3) 225-232.
- Published research paper on “Effects of different concentrations of some phyto additives (*Allium sativum* and *Allium cepa*) on growth survival and haematological parameters in Tilapia (*Oreochromis mossambicus*) juveniles” in the Israeli journal of aquaculture - Bamidgeh IJA 64 - 82. 2012.
- Published a paper on “Recovery of adverse effects of fluoride toxicity by Probiotic bacteria *Lactobacillus rhamnosus* in *Mystus montanus*” in the journal of Ecotoxicology and Environmental Monitoring, 2012, 22 (5) 423-430.

- Published a paper on “**Growth stimulation of *Mystus montanus* by earthworm meal prepared from vermiculture on aquatic weed**” in International journal of Environmental sciences, Vol-4, No-4, pp-551-557, 2014.
- Published a paper on “**Mitigation effect of probiotic bacteria *Lactobacillus rhamnosus*” on the gill tissue of fluoride intoxicated fish *Mystus montanus*** in International journal of current research Vol. 9, Issue, 09, pp.57555-57558, September, 2017.
- Papers presented in Conferences and Seminars:
 - “Food safety regulations” in the national seminar on “Food Technovation” conducted by Holy Cross Home Science college on 30-9-2008.
 - “Ecofriendly antifouling compounds for marine pollution management” in the National conference on “Recent trends in climatic changes and coastal bioresources” conducted by Aditanar college of Arts and science, Tiruchendur on 11 and 12-12-2008.
 - “Naturally occurring orally active carcinogens” in the national seminar on Environmental toxicology conducted by St. Xavier’s college (Autonomous), Palayamkottai on 26-2-2009.
 - ‘Vermicomposting of aquatic weed Chara using *Eisenia fetida*’ in the National seminar’ conducted by Aditanar college of Arts and science, Tiruchendur on 11 and 15-12-2009.
 - “Impacts of Chlorine on Growth parameters of the fresh water fish *Oreochromis mossambicus*” in the National seminar conducted by St. Ignatious college of Education, Tirunelveli on 1-11-2012.
 - “Growth performance of *Mystus keletius* fed with earthworm meal prepared from worms cultured on aquatic weed” in the UGC sponsored National seminar on “Biodiversity and you” conducted by Pope’s College, Sawyerpuram on 14th and 15th February 2013.
 - Toxic effect of chlorine on selected blood parameters of the fish *Mystus montanus* in the Inter National seminar on “Biodiversity and you” conducted by A.P.C.Mahalaxmi College for Women on 14th and 15th December 2017.
- Guest Lectures:

- Delivered a lecture on “cervical cancer vaccines” in the Lions club meeting held at DCW Ltd, Sahupuram, on April 30th 2011.
- Delivered a lecture on “Stem cell therapy” in the association meeting held at Department of Zoology, V.V.Vanniaperumal college for women (Autonomous) Virudhunagar, on 21st February 2012.
- Acted as a resource person in “Training programme on mushroom culture and vermitechnology for self-help group women” conducted by Govindammal Aditanar College for Women, Tiruchendur on 5th January 2013.
- Delivered a lecture on “From Cradle to Necropolis” in the Zoology Association meeting held at Govindammal Aditanar College for Women Tiruchendur on 21st February 2013
- Delivered a lecture on “Health impacts of Junk foods” in the Association meeting held at Aditanar College for Education, Tiruchendur on 21st February 2013.
- Acted as a resource person in “Vettri nitchayam” program conducted by Thina thanthi on 27th April 2014.
- Acted as a resource person in one day Workshop on “Value added fish products” Organized by the Department of Zoology, Popes college, Sawyerpuram on April 13th 2017.
- Seminar Organized:
 - A One day Workshop on “Nanosciences” held at Govindammal Aditanar College for Women, Tiruchendur on 29th August 2012 in association with Sri Paramakalyani Centre for Environmental Sciences, Manonmaniam Sundaranar University, Tirunelveli and Centre for Science and Technology (CAST), Thoothukkudi..
- Seminar/ Workshop/ Conferences attended:
 - Participated two days XIV Regional Seminar on “Aqua Meet” held at Kamaraj College, Thoothukkudi on 28th and 29th January 2006.
 - Participated two days seminar on “Modern trends in beneficial microbes” conducted by Kamaraj College, Thoothukkudi on 3rd and 4th February 2007.

- Participated two days seminar on “Infectious Diseases” conducted by Kamaraj College, Thoothukkudi on 23rd and 24th February 2008.
- Worked as organizing committee member in the one day workshop on “Writing and presenting research papers” organized by Govindammal Aditanar College for Women, Tiruchendur and Centre for Arts, Science and Technology on 23rd January 2009.
- Participated in the State Level Seminar on “Coastal environment- Post Tsunamic perspectives” organized by the Department of Advanced Zoology and Biotechnology, Aditanar college of Arts and Science during October 14th 2009.
- Attended one day workshop on Skill based subjects, Personality development and Effective communication Organized by Manonmaniam Sundaranar University, on 14th and 15th December 2009 at V.O.C College, Thoothukkudi.
- Participated in the consultative meeting on “Freshwater: Status and Issues” held on February 9, 2010, Organized by FAN-TN, IRN-TN, PRPF, SPKCES and CAST at Govindammal Aditanar College for Women, Tiruchendur.
- Participated in the one day seminar on “Awareness of research funds for self financing college teachers” held on October 5th, 2009.
- Participated in the one day seminar on “Recent trends in Biotechnology” Organized by Manonmaniam Sundaranar University on February 25th 2010,
- Participated in the one day International seminar on “Health care and contrive” Organized by Sarah Tucker College on 24th January 2017.
- Other activities:
 - Experience in setting question papers for Sri Ramasamy Naidu Memorial College of Arts and Science (Autonomous), Sattur, Sadakathullah Appa College (Autonomous), Tirunelveli, Vellachmy nadar college, Madurai and Answer paper evaluator in various colleges.
 - ENCAP (Nature club) co-ordinator :

- As Nature club co-ordinator I had been actively involved in organizing many programmes:
- Awareness rally on “Dengue fever” in and around Tiruchendur on 7-1-2012.
- Awareness rally on “Plastic abolition” in and around Tiruchendur on 7-2-2013.
- Conducted program on “Evergreen nature” in Adaikalapuram Home for disabled on 9-2-2014

I hereby declare that the above furnished details are correct and true to the best of my knowledge.

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Sakthika