




National Bureau of Fish Genetic Resources
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| Name | Dr. T. T. AJITH KUMAR |  |
| Designation | SENIOR SCIENTIST | |
| Date of birth | 08-07-1971 | |
| Professional experience | 14 years | |
| Qualification | M. Sc., Ph. D., in Marine Biology | |
| Current area of Research | Ornamental Aquaculture | |
| Area of Research Expertise | <ul style="list-style-type: none">• Development of hatchery technologies for marine ornamentals• Livelihood development of costal & island community• Value addition to hatchery bred ornamentals | |
| Awards/ Recognitions | <ul style="list-style-type: none">• Eureka Forbes Young Scientist - Sri Paramakalyani College, Manonmanium Sundaranar University - 2006• Best Researcher, Annamalai University 2008 - 2009• INSA Fellow - 2009• K. Chidambaram memorial annual award for the contribution to marine ornamental fish breeding - 2011• Best Marine aquarium award, Govt. of Kerala - 2012• Task Force Member - Centre for Marine Living Resources and Ecology, Ministry of Earth Sciences 2008 - 2012• Best Marine aquarium award, Govt. of Tamil Nadu - 2013 | |
| Publication (no.) | <ul style="list-style-type: none">• Research papers : 70• Books : 10• Book Chapters: 25• Popular articles : 30• Others : 1 (Compact Disc) | |

Important Research Publications

T. T. Ajith Kumar and T. Balasubramanian, 2009. Broodstock development, spawning and larval rearing of the false clown fish, *Amphiprion ocellaris* in captivity using estuarine water. *Curr. Sci.* 97 (10): 1483 - 1486.

Ajith Kumar, T. T. Subodh Kant Setu, P. Murugesan and T. Balasubramanian, 2010. Studies on captive breeding and larval rearing of clownfish, *Amphiprion sebae* (Bleeker, 1853) using estuarine

water. *Ind. J. Geo-Mar. Sci.* 39(6): 114 - 119.

N. B. Dhayanithi, **T. T. Ajith Kumar** and K. Kathiresan, 2010. Effect of neem extract against the bacteria isolated from marine fish. *J. Environ. Biol.* 31: 409 - 412.

Anguchamy Veeruraj, Muthuvel Arumugam, **Thangappan Ajith Kumar** and Thangavel Balasubramanian. 2011. Distribution of Tetraodontiformes (Family: *Tetraontidae*) along the Parangipettai Coast, Southeast of India. *Zootaxa.* 3015: 1 - 12.

Kottila Veettil Dhaneesh, Mohan Gopi, Raghunathan Ganeshamurthy, Thipramalai **Thankappan Ajith Kumar** and Thangavel Balasubramanian. 2012. Bio - accumulation of metals on reef associated organisms of Lakshadweep Archipelago. 2011. *Food Chemistry.* 131: 985 - 991.

Ramar Vinoth, Mohan Gopi, **Thipramalai Thankappanpillai Ajith Kumar**, Thirunavukarassu Thangaradjou, and Thangavel Balasubramanian. 2012. Coral Reef Bleaching at Agatti Island of Lakshadweep Atolls, India. *J. Ocean Univ. China.* 11 (1): 105-110.

K. V. Dhaneesh, K. Nanthini Devi, **T. T. Ajith Kumar**, T. Balasubramanian and Kapila Tissera. 2012. Breeding, embryonic development and salinity tolerance of Skunk clownfish *Amphiprion akallopisos*. *J. King Saud Univ. Sci.* 24: 201-209.

K. V. Dhaneesh, **T. T. Ajith Kumar**, Swagat Ghosh, T. Balasubramanian. 2012. Breeding and mass scale rearing of Clownfish *Amphiprion percula*: Feeding and rearing in brackishwater. *Chinese J. Oceanol. Limnol.* 30 (4): 528-534.

Dhaneesh. K. V., Noushad K. M., **Ajith Kumar T. T.** 2012. Nutritional evaluation of commercially important fish species of Lakshadweep Archipelago, India. *Plos One.* 7 (9): e45439, 1-7.

T. T. Ajith Kumar, M. Gopi, K. V. Dhaneesh, R. Vinoth, Swagat Ghosh, T. Balasubramanian and T. Shunmugaraj. 2012. Hatchery production of the clownfish, *Amphiprion nigripes* at Lakshadweep, India. *J. Environ. Biol.* 33: 623-628.

Swagat Ghosh, **T. T. Ajith Kumar** and T. Balasubramanian. 2012. Determining the level of parental care relating fanning behaviour of five species of clown fishes in captivity. *Ind. J. Geo - Mar. Sci.* 41(5): 430-441.

S. Prakash, J. Balamurugan, **T. T. Ajith Kumar** and T. Balasubramanian. 2012. Invasion and abundance of reef-inhabiting fishes in the Vellar estuary, south east coast of India, especially the

lionfish *Pterois volitans* Linnaeus. *Curr. Sci.* 103 (8): 941-944.

V. Gunasundari, **T. T. Ajith Kumar**, Swagat Ghosh and S. Kumaresan. 2013. An ex vivo Loom to Evaluate the Brewer's Yeast *Saccharomyces cerevisiae* in Clownfish Aquaculture with Special Reference to *Amphiprion percula* (Lacepede, 1802). *Turk. J. Fish. Aquat. Sci.* 13 (3): 389-395.

T.T. Ajith Kumar and V. Gunasundari. 2013. Spawning and Larval Rearing of Marine Ornamental Fishes in Brackishwater in India: Opportunities and Challenges. *World Aquaculture Magazine.* 44 (1):44 - 48.

R. J. Balamurugan, **T.T. Ajith Kumar** and T. Balasubramanian. 2013. Influence of host anemone (*Stichodactyla haddoni*, Saville-kent, 1893) locomotion on its resident anemone fish reproduction. *Anim. Reprod. Sci.* 140 (1-2): 103 - 107