

## CURRICULUM VITAE

**S. PRAKASH**

**Scientist – ‘C’**

**Centre for Climate Change Studies**

**Sathyabama University**

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### **Education**

Ph. D., 2010 – 2014      Centre of Advanced Study in Marine Biology,  
Annamalai University, Porto Novo - 608502.  
Tamilnadu.

**Specialization: Marine Biology**

Title: **“Marine ornamental shrimps (Decapoda:  
Caridea): Special emphasis on Taxonomy,  
Reproductive biology and broodstock nutrition”**

M.Sc., 2006 – 2008      Bharathidasan University, Tiruchirappalli,  
Tamilnadu, India. **Specialization: Marine Science**

### **Current position**

- **May 2014 to till date – Scientist – ‘C’** at Centre for Climate Change Studies, Sathyabama University, Chennai, Tamilnadu.

### **Past positions**

- **November 2013 to April 2014 - Project Associate (PA)** under WII-GIZ Project on “Capacity Needs Assessment for participatory management of coastal and marine protected areas in India with special reference to Forest sector and Youths” at Wildlife Institute of India (Ministry of Environment and Forests), Dehradun

- **April 2013 to October 2013: Senior Research Fellow (CSIR)** at Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Portonovo & Lakshadweep.
- **October 2010 to September 2011: Senior Research Fellow (MoES)** under the project “Development of hatchery technologies for marine ornamental fishes at Lakshadweep: Technology transfer to coastal and Island communities” at Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Portonovo. Tamilnadu and Field Station, Lakshadweep
- **December 2008 to September 2010: Project Assistant-II** at National Institute of Oceanography, Regional Centre, Mumbai

**Projects:**

Sl. No.	Project title	Funding agency	Amount & Status
1.	Status and safe exploitation of marine ornamental fishes and invertebrates of Gulf of Mannar, Tamilnadu: An expensive reserve for conservation <a href="http://www.rufford.org/projects/prakash_sanjevi">http://www.rufford.org/projects/prakash_sanjevi</a>	The Rufford Foundation, London	£4957 Completed
2.	Physiology and molecular adaptations of coral reef dwelling caridean shrimps to Climate change (ECR/2015/000213)	Early Career Research Award, DST - SERB	21,60,000 Sanctioned

**Papers published**

1. J. Balamurugan, T. T. Ajith Kumar, **S. Prakash**, B. Meenakumari, C. Balasundaram and R. Harikrishnan. 2016. Clove extract: A potential source for stress free transport of fish. *Aquaculture*, 454: 171-175.
2. **Prakash, S.**, T. T. Ajith Kumar and M. Thangaraj. 2016. DNA barcoding of sharp tail sunfish *Masturus lanceolatus* Lienard, 1840

(Tetraodontiformes: Molidae). **Proceedings of Zoological Society of India**, 69(1): 153-156.

3. **Prakash, S.**, T. T. Ajith Kumar, R. Bauer, M. Thiel and T. Subramoniam. 2015. Reproductive morphology and mating behavior in the coral reef shrimp *Rhynchocinetes durbanensis* Gordon, 1936 (Decapoda: Caridea: Rhynchocinetidae) in India. **Journal of Marine Biological Association, UK**, 1-10.
4. **Prakash, S.**, T. T. Ajith Kumar, T. Subramoniam. 2015. Notes on some Indo-Pacific caridean shrimps (Decapoda: Caridea: Palaemonidae, Gnathophyllidae) particularly from India. **Zootaxa**. 3914(4): 456-466.
5. Marudhupandi, T., T. T. Ajith Kumar, **S. Prakash**, M. Gopi and T. Balasubramanian. 2014. First report of symbiotic polychaete Scale worm *Gastrolepidia clavigera* Schmarda, 1861 (Phyllodocida: Polynoidae) from Lakshadweep Archipelago, India. **Journal of Threatened Taxa**, 6(10): 6385-6388.
6. **Prakash, S.** and T. T. Ajith Kumar. 2013. On a record of *Rhynchocinetes durbanensis* Gordon, 1936 (Decapoda, Caridea, Rhynchocinetidae) in the Gulf of Mannar, Tamilnadu, India. **Journal of Bombay Natural History Society**. 110(2): 163-165.
7. **Prakash, S.**, T. T. Ajith Kumar and S. Ajmal Khan (2013). Checklist of the Porcellanidae (Crustacea, Decapoda, Anomura) of India. **Checklist**. 9(6): 1514-1518.
8. **Prakash, S.** and T. T. Ajith Kumar. (2013). Feeding behavior of Harlequin shrimp *Hymenocera picta* Dana, 1852 (Hymenoceridae) on sea star *Linckia laevigata* (Ophidiasteridae). **Journal of Threatened Taxa**, 5 (13): 4819-4821.
9. **Prakash, S.**, M. Gopi, T. T. Ajith Kumar, T. Balasubramanian. (2013). First record of four species of *Petrolisthes* (Decapoda, Anomura, Porcellanidae) from Lakshadweep, India. **Marine Biodiversity Records**, Vol. 6, e47: 1-5.

10. **Prakash, S.**, J. Balamurugan, T. T. Ajith Kumar, T. Balasubramanian. (2012). Invasion and abundance of reef inhabiting fishes in the Vellar estuary, southeast coast of India, especially the lionfish *Pterois volitans* Linnaeus. **Current Science (India)**, 103 (8): 941-944.
11. **Prakash, S.**, T. T. Ajith Kumar, T. Balasubramanian (2012) On the occurrence of Sea urchin Crab *Echinoecus pentagonus* A. Milne Edwards (Decapoda, Brachyura, Eumedonidae) in Lakshadweep, India. **Proceedings of the Zoological Society**, 65 (1): 61-63.
12. **Prakash, S.**, Idrees Babu, M. Gopi, T. T. Ajith Kumar, T. Balasubramanian (2011). Discovery of the shrimp *Pycnocaris chagoae* Bruce 1972 (Decapoda: Caridea: Gnathophyllidae) in the Lakshadweep Archipelago, India. **Zootaxa**. 2998: 66-68.
13. Unmesh Katwate and **Prakash, S.** (2011). "On a documentation of Haddon's carpet anemone (*Stichodactyla haddoni*) (Saville-Kent 1893) (Anthozoa: Actiniaria: Stichodactylidae) and its unique symbiotic fauna from Gulf of Kutch. **Bugs R All, Newsletter for Invertebrate Conservation and Information Network of South Asia (ICINSA)**, No. 17, 31-34.
14. Dattesh V. Desai and **S. Prakash** (2009). Physiological responses to environmental hypoxia and anoxia in *Balanus amphitrite* (Cirripedia: Thoracica). **Marine Ecology Progress Series**, 390: 157-166.

#### **Papers in press**

1. Prakash, S., T. T. Ajith Kumar, M. Vishwas Rao and V. Gunasundari. First record of two species of gobies, *Cryptocentrus cyanotaenia* Bleeker and *Istigobius diadema* Steindachner (Perciformes: Gobiidae) in Indian waters. **Indian Journal of Marine Sciences (June 2015)**.

#### **Book**

1. T. T. Ajith Kumar, R. Vinoth, **S. Prakash**, T. Balasubramanian. 2012. Reef fishes of the Lakshadweep Archipelago. Annamalai University, India. 180 pp. ISBN 978-93-5087-040-2.

## Book chapter

1. Ajith Kumar, T. T., V. Gunasundari and **S. Prakash**. 2015. *Breeding and Rearing of Marine Ornamentals*. In: Santhanam, P., Thirunavukkarasu, A. R. and Perumal, P. (eds.) **Advances in Marine and Brackishwater Aquaculture**. Springer India, New Delhi Pp. 101-107. **ISBN: 978-81-322-2270-5**.
2. **Prakash, S.**, T. T. Ajith Kumar and T. Subramoniam. 2015. *Breeding biology and mating strategies of coral reef shrimp *Lysmata wurdemanni* Gibbes (Decapoda: Caridea: Hippolytidae) from Southeast coast of India*. In: V. K. Gupta and A. K. Verma (eds.) **Animal Diversity, Natural History and Conservation**. Daya Publishing House, New Delhi, India 5: 113-132 pp. **ISBN: 978-93-512-4616-9**.
3. **Prakash, S.**, A. Pande and K. Sivakumar. 2013. Status report of Coastal and Marine Protected Areas in Gujarat. In: Sivakumar, K. (ed.) Coastal and Marine Protected Areas in India: Challenges and Way Forward, ENVIS Bulletin: Wildlife and Protected Areas. Vol. 15 Wildlife Institute of India, Dehradun-248001, 62-67 pp (printed in 2014)
4. **Prakash, S.**, C. Ramesh and K. Sivakumar. 2013. Techniques and methods to assess and monitor coastal habitats in India. In: Sivakumar, K. (ed.) Coastal and Marine Protected Areas in India: Challenges and Way Forward, ENVIS Bulletin: Wildlife and Protected Areas. Vol. 15 Wildlife Institute of India, Dehradun-248001, 330-344 (printed in 2014).
5. T. T. Ajith Kumar, **Prakash, S.** and Jafer Hisham. 2013. *Status of Coral Reefs of Lakshadweep: A measure towards conservation*. In: Coastal Ecosystems of India. (eds.) K. Kathiresan and S. Ajmal Khan, ENVIS Publication series. Environmental Information System (ENVIS) centre, Centre of Advanced Study in Marine Biology, Annamalai University, Tamilnadu, India. Page no. 129-136. **ISBN 978-93-80128-10-8**.

### **Popular article**

1. T. T. Ajith Kumar, **S. Prakash**, T. Balasubramanian. 2013. Coral Bleaching in Lakshadweep. *Geography and You*. 12(75): 20-23.
2. T. T. Ajith Kumar, **S. Prakash**, T. Balasubramanian. 2012. Scope for Aquaculture of Marine Ornamental Shrimps of Lakshadweep: A New perspective in India. *Fishing Chimes*, 31(11): 38-40.
3. T. Jafer Hisham, **S. Prakash**, T. T. Ajith Kumar. 2013. Tuna fishery in Lakshadweep: Status and approach towards its realistic exploitation. *Fishing Chimes*, 32 (10): 76-80.

### **Paper in conference proceedings**

1. T. T. Ajith Kumar, **S. Prakash** and T. Balasubramanian. 2012. *Establishment of Homestead Hatcheries for Marine Ornamental Fishes: An Imperative need for Sustainable Production*. In: Souvenir "Ornamentals Kerala 2012" (eds.) Anna mercy, T. V., Boopendranath, M. R., Jayachandran, K. V. and Saira Banu, K. A., Department of Fisheries, Government of Kerala, India. Pg. no. 25-31.

### **Internship/Workshop/Training Programs Attended**

- National Training program on "*Techniques in Marine Ornamental Fish Keeping and breeding*" at Central Marine Fisheries Research Institute, Vizhinjam Regional Centre, Kerala from 26-30<sup>th</sup> March 2013.
- Workshop on "*Bioinformatics Tools and Techniques for Genomics and Proteomics*" at Madras Veterinary College (TANUVAS), Chennai from 7-11 January 2013.
- Workshop on "*Nutrient Use Efficiency in Aquaculture*" under National Agriculture Innovative Project (NAIP) sponsored by Indian Council of Agricultural Research (ICAR) (NAIP) held at Central Institute of Brackishwater Aquaculture (CIBA), Chennai from 8-21 December 2011.
- Training program on "*Satellite Oceanography*" at Integrated Coastal and Marine Area Management (ICMAM) Project Directorate, Ministry of Earth Sciences (MoES), Chennai from 13-17<sup>th</sup> July 2009.

- *Summer Internship Training Program* at National Institute of Oceanography (NIO), Dona Paula, Goa from May-July 2007.

### **Seminars/Conferences attended**

- International Conference on “*Ornamentals Kerala - Breeding, Farming and Trade*” held at Cochin, Kerala from 11-12<sup>th</sup> February 2012.
- “*Indo-UK conference on Shrimp Aquaculture - Challenges and Innovations*” held at Bharathidasan University, Tiruchirapalli from 25-26 January 2012.
- 9<sup>th</sup> Indian Fisheries Forum “*Renaissance in Fisheries: Outlook and Strategies*” hosted by Central Marine Fisheries Research Institute, Kerala, India from 19-23<sup>rd</sup> December 2011.
- National conference of “*Marine Biodiversity – Present status and Prospects (MABPSAP – 2010)*” from 16-18 September 2010 at Bharathidasan University, Tiruchirapalli. Tamilnadu

### **Papers presented in the conference**

1. **Prakash, S.,** T. T. Ajith Kumar and T. Balasubramanian. (2011). *Scaling up the hatchery production of clownfish Amphiprion ephippium for commercialization.* In: 9<sup>th</sup> Indian Fisheries Forum, Book of Abstracts. Central Marine Fisheries Research Institute, Kerala, India. Pg. no. 106.
2. **Prakash, S.,** T. Marudhupandi, M. Gopi, M. Noushad, T. T. Ajith Kumar and T. Balasubramanian. (2011). *New record of two reef fishes (Apogonidae and Platycephalidae) with a key to the genus Apogon from Lakshadweep, India.* In: 9<sup>th</sup> Indian Fisheries Forum, Book of Abstracts. Central Marine Fisheries Research Institute, Kerala, India. Pg. no. 351.

### **Awards/Honours**

- **Rufford Small Grant Awardee** – The Rufford Foundation, UK (2014)
- **Senior Research Fellow (SRF)** by the Council of Scientific and Industrial Research (CSIR), New Delhi (2013).

- **Best Paper Award** at National Conference on Marine Biodiversity- Present Status and Prospects (MABPSAP- 2010) at Bharathidasan University, Tamilnadu.

**Research interests**

- Taxonomy, phylogeny and biogeography of coral reef caridean shrimps
- Taxonomy, phylogeny and biogeography of coral reef fishes
- Reproductive physiology and mating systems of coral reef caridean shrimps
- Physiological responses of coral reef caridean shrimps to climate change

**Professional memberships**

1. Developing Country Member - Society for Conservation Biology (Member ID: 75834)
2. Annual Member - British Ecological Society, Great Britain

**As reviewer**

Journal of Threatened Taxa (2014-2015), Indian Journal of Marine Sciences (2014-2015)

**Personal information**

Father's Name	:	K. Sanjeevi	
Nationality	:	Indian	
Age & Date of Birth	:	30 & 13 <sup>th</sup> November 1985	
Religion	:	Hindu	
Community	:	Madhwa Kannada Brahmin	
Marital Status	:	Single	
Languages known- To speak	:	English, Tamil, Hindi, Kannada and Malayalam	
	To write	:	English, Tamil, Hindi
	To read	:	English, Tamil, Hindi
Hobbies	:	Trekking, Bird watching, Photography,	
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### **Academic References**

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- **Prof. T. SUBRAMONIAM D.Sc., F.N.A**  
Senior Scientist  
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- **Dr. K. SIVAKUMAR**  
Scientist – E  
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Mobile: (0) 9412058129

**DECLARATION**

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

Date: 10/06/2016

Place: Chennai

Yours sincerely

A handwritten signature in black ink, appearing to be 'S. V. S.', written in a cursive style.