

# Gayathri Jaikumar

Animal behavior ☆ Conservation science ☆ Ecology ☆ Evolution

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## ≡ Technical Skills

- Molecular biology techniques: **PCR** **Gel electrophoresis**
- Training in Animal handling: **Amphibians** **Non-venomous reptiles**

## 🎓 Education

Degree	Major	Institution	Graduation Year	GPA
Bachelor of Science	Zoology	Madras Christian College	2016 (Expected)	9.53/10
Higher Secondary Education, CBSE Board	Biology	Modern Senior Secondary School	2013	96%

## 🏆 Academic Achievements

- Was the National topper for Biology in 2013. (top 0.1%)
- Recipient, Macintosh scholarship for academic excellence (2013 - present)
- Recipient, Ranganayaki ammal memorial Scholarship (2013)
- Recipient, SHE Scholarship for being among the top 1% in CBSE board exams held in 2013. This scholarship funds undergraduate tuition upto 4 lakh INR
- Scored 97.72 percentile in the 12th National Science Olympiad

## 👛 Professional Experience

- Research Assistant, Indian Institute of Technology, Madras (Sept. 2014 – Nov. 2014)
  - Under the guidance of Dr.Suraish Kumar – Department of Biotechnology .
  - Quantitative analysis of phase variations in Reactive Oxygen species in algal cells.
  - Understanding the relationship between ROS (reactive Oxygen species) and Cancer in HeLa cell lines.
- Research Intern, Kalinga Centre for Rainforest Ecology, Agumbe (Jan. 2015 – Feb. 2015)
  - Assisted the on-going 4 year research study on snake species abundance and distribution.
  - Visual survey and documentation of various species of snakes in Agumbe Rain forest (Within study area)
  - Leading interested non biologist groups on nature trails and camps.

## ⚙ Other Personal Projects

- BNHS (Bombay Natural History Society) – member
  - Locations : Gir national park , Amboli , Coorg
- SSTCN – Volunteer (Student sea turtle conservation network)
  - Turtle walks along the Marina coast during Olive Ridley nesting season – to identify and relocate eggs to hatchery and subsequent release of hatchlings into sea to ensure better rates of survival in species.
- Scrub society , Madras Christian College – Core member
  - Organisation and coordination regular of clean-up activities, bird walks, tree census and documentation, awareness creation
- Rescue of injured stray animals with AWPT (Animal Welfare Protection Trust)
  - Frequent rescue of local stray animals injured or otherwise and consequent rehabilitation

## 📖 Undergraduate Courses Taken

<b>Biotechnology</b>	<b>Classical taxonomy and classification (Invertebrata and vertebrata)</b>
<b>Cell Biology</b>	<b>Developmental Biology</b>
<b>Animal behavior</b>	<b>Evolution</b>
<b>Biophysics</b>	

## **Extra Curricular Awards**

- Organiser and Co-ordinator of cultural events – Go Wild
- Coordinator of College culturals – Deep Woods.
- Trained in Indian classical dance forms – Bharatnatyam and Kathak.