

## CURRICULUM VITAE

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### **Research Interests:**

- Monsoon Dynamics
- Air-sea interactions
- Atmosphere-Ocean Modeling
- Geophysical fluid dynamics.
- Variability of atmosphere and ocean from diurnal to decadal scales

### **Education:**

M.Sc (Engg.)                      2006-2009, Centre for Atmospheric and Oceanic Sciences, Indian Institute  
(Master of Engineering) of Science, Bangalore, India

Thesis title: ***“Biennial oscillation of Indian summer monsoon and global surface climate in the present decade”***

M.Sc Meteorology                2003-2005, Department of Atmospheric Sciences, Cochin University of  
(Master of Science) Science and Technology, Cochin, India

Thesis title: ***“Is the monsoon current baroclinically unstable?”***

B.Sc Physics                      2000-2003, Union Christian College, Mahatma Gandhi University, Aluva,  
(Bachelor of Science) India

### **Publications:**

Two-year oscillations of northern hemisphere climate at the turn of the 21<sup>st</sup> century, D Sengupta, **A. Menon** and V. Venugopal, 2010, *in preparation*.

**Papers presented in Seminars/Symposia:**

**Arathy Menon**, Sreejith Kumar V, Baby Chakrapani “Instability analysis of the mean zonal flow over Bay of Bengal during different seasons “, Atmocin-2006, National Symposium on atmosphere- ocean interaction and monsoon variability, Cochin. Kerala

**Conferences/Workshops Attended:**

IISc Centenary Conference, December 13-16, 2008, IISc, Bangalore, India

Celebrating the Monsoon, July 24-28, 2007, An international monsoon conference, Bangalore, India

National symposium on Atmosphere Ocean Interaction and Monsoon Variability, January 11-13, 2006, Cochin, India

Workshop on Satellite Meteorology, November 2005, School of Naval Oceanology and Meteorology, Southern Naval Command, Cochin

International Conference on Scale Interaction and Variabilities of Monsoon (SIVOM), October 6-10, 2003, Munnar, India

**Awards/Scholarships:**

Awarded Junior Reserach Fellowship, 2006 by the Council of Scientific and Industrial Research (CSIR), India, a premeir research and developmet organisation in India [http:// www.csir.res.in](http://www.csir.res.in)

Got elegibility for Syama Prasad Mukherjee Fellowship (SPMF) for the year 2006 given to top 25 students among those who qualified CSIR JRF.

Indian Institute of Science Scholarship for post-graduate research study at the Indian Institute of Science

University first rank holder in Master of Science (Meteorology)

**Field Experience:**

Participated in a 20 day cruise in Bay of Bengal onboard O.R.V Sagar Kanya, a deep-sea research vessel. Emphasis was on training and joint participation in the operation of a variety of instruments, data collection and data analysis pertaining to various meteorological and oceanographic parameters.