

# PERSONAL DATA SHEET

## 1. Personal information

Name: DR. VIPIN P

Address: Parambadan (House), Naduvath (P.O), Wandoor  
Malappuram, Kerala, pin: 679328

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## 2. Educational Qualifications

<b>Sr. No</b>	<b>Degree</b>	<b>Name of University/ Board</b>	<b>Year of passing</b>	<b>Subjects</b>
1	B. Sc Physics	Calicut University	2009	Physics, chemistry, Mathematics and languages
2	M. Sc Meteorology	Cochin University of Science and technology	2011	Atmospheric Sciences, Physical Oceanography, mathematics, modeling etc
3	NET	University Grants Commission	2011	Earth, Atmospheric, Ocean & planetary Sciences
4	PhD in Marine Science	Academy of Scientific and Innovative Research (AcSIR)	PhD awarded in November 2018	Surface and Sub-surface properties of Mesoscale SST fronts and filaments and their proximity to the potential fishing zones in the northeastern Arabian Sea

## 3. Experience

Post Held	Institution	Duration (year/months)
Junior Research Fellow	National Institute of Oceanography, Goa	2 years
Senior Research Fellow	National Institute of Oceanography, Goa	3 years
Project Assistant-III	National Institute of Oceanography, Goa	1 year

Assistant Professor (Contract)	Academy of Climate Change Education and Research, KAU Thrissur, Kerala	1 year
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#### **4. Publications:**

**1) “Evolution and sub-surface characteristics of a sea-surface temperature filament and front in the northeastern Arabian Sea during November-December 2012.”**

*Authors: P. Vipin, Kankan Sarkar, S. G. Aparna, D. Shankar, V.V.S.S. Sarma, D. G. Gracias, M.S. Krishna, G. Srikanth, R. Mandal, E. P. Rama Rao, N. Srinivasa Rao.*

*Journal: Journal of Marine Systems*

#### **5. Workshops participated/ achievements**

- 1) International Conference on Climate Change and Environment. CUSAT, Kochi, Kerala, INDIA (28-31 October 2010)
- 2) International Workshop on Climate Change and Island Vulnerability. Kadmat Island, U.T of Lakshadweep, India (28-31 October 2010)
- 3) National Seminar on Biodiversity, School of Marine Sciences, CUSAT, Kochi, December 17, 2010
- 4) National Symposium on Impact of Climate Change on Aquatic Ecosystems, NSICCAE, 2010, CUSAT, Kochi-16, 18-19 February 2010.
- 5) 50<sup>th</sup> International Indian Ocean Expedition Conference/Symposium, CSIR-NIO, GOA, November-December 2015.
- 6) National Workshop on Data users meet, ESSO-INCOIS, Hyderabad, 2015
- 7) National Seminar on Environmental Education in India: Scope and Challenges, Department of Environmental Studies, Kannur University, 29-31st January 2019.
- 8) Best Library User (Teacher Category) Award of Kerala Agricultural University, Vellanikkara, Thrissur, 7-8 February 2019.
- 9) Workshop on wildlife week 2018. College of Forestry, Vellanikkara, Thrissur, 8<sup>th</sup> October 2018.

## **6. Technical and Computer experiences**

- 1) Basics of C++ programming language
- 2) expertise in FORTRAN programming
- 3) Operating systems: Windows (different variants)/Linux OS (Ubuntu various versions)
- 4) Data visualization tools: Ferret, Octave, Matplotlib, GMT, Grads.
- 5) Digitizing : WinDig image digitizing software

## **7. Cruise on-board experiences**

- 1) *One week off shore data collection cruise in the Arabian Sea.*
- 2) *One month off shore data collection cruise in the Northeastern Arabian Sea.*

## **8. Data management Experiences**

- 1) *Downloading of different satellite SST data then processing and analyzing.*
- 2) *Delineation of SST fronts from satellite SST data.*
- 3) *Downloading of different satellite chlorophyll data then processing and analyzing*
- 4) *Potential fishing zones advisory image data downloading and digitizing to get coordinates*
- 5) *Processing and analyzing of CTD cruise data.*