

## **Dr. V. SAKTHIVEL SAMY**

Scientist- F & Scientist in Charge  
Polar Data Services Section  
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### **Research Interest**

- Scientific Database & Data Mining applications
- Application of Machine Learning techniques for Weather Forecasting
- Data Analytics and Visualization in Climate Science.

### **Education**

- **Ph.D.** in Computer Science & Engineering, Department of Computer Science and Engineering, National Institute of Technology (NIT), Goa, 2025
- **M.Tech.** in Computer Science, Devi Ahilya University, Indore, 1999
- **M.Sc.** in Computer Science, Devi Ahilya University, Indore, 1996
- **B.Sc.** Mathematics, M.D.T. Hindu College, Tirunelveli, Tamil Nadu, 1994

### **Professional Experience**

- 2020 Scientist - F National Centre for Polar and Ocean Research, Goa
- 2015 Scientist - E National Centre for Polar and Ocean Research, Goa
- 2010 Scientist - D National Centre for Polar and Ocean Research, Goa
- 2008 Sr. Associate, Cognizant, Chennai
- 2007 System Analyst, Satyam Computer Service Ltd, Chennai
- 2004 Scientist – C, CSIR- National Physical Laboratory, New Delhi
- 1999 Lecturer, Devi Ahilya University, Indore

### **Professional Memberships**

- Member, IEEE
- Life member, Indian Meteorological Society (IMS)
- Life Member, Krishnadas Shama Goa State Central Library, Panaji, Goa – 403001

### **Projects**

- Enhancement and sustained development of the National Polar Data Center (NPDC) for comprehensive management and archiving of Polar and High-Altitude Research Datasets.

### **Details of Ph.D. students currently working**

1. Ms. Shiva Aruneshini M

### **Contributions to Capacity Building**

- IIT Goa, IIT Mandi, NIT Goa, NIT Warangal,
- BITS - Pilani Campus, Goa Campus and Hyderabad Campus
- Pondicherry University, Pondicherry.
- GEC, Goa, VIT Chennai