
JIKKU JOY

Jinu Bhavanam, Chemmakkad P.O Perinad, Kollam(Dist.) PIN:691601, Kerala

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CAREER OBJECTIVE

Seeking a challenging opportunity where I will be able to utilize my strong organisational skills, educational background and ability to work well with people, which will allow me to grow personally and professionally.

EXPERIENCE

02/09/2023 - Present

- **Junior Research Fellow**

Institute for Climate Change Studies (ICCS), Kottayam

Working as JRF on the project entitled 'Understanding Climate Dynamics and Climate Change Aspects of Kerala'.

Conducting in-depth climate research through extensive literature reviews, data collection, and analysis pertaining to various aspects of climate change.

Data analysis and modelling.

01/02/2023

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- **Project Fellow**

01/09/2023

Centre for Water Resources Development and Management (CWRDM) subcentre, Kottayam

Worked in a project entitled "Microclimatic assessment of the water vapour flux in an urban ecosystem for identifying better climate change mitigation measures and scope for atmospheric water harvesting".

Engaged in WRF (Weather Research and Forecasting) Model Run, Climate Data Analysis (MATLAB, GrADS, Python), Research and Documentation, Project Support, Field visit and data collection.

01/12/2022

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- **Project Consultant (DCAT BLOCK CONSULTANT)**

25/01/2023

Kerala Institute of Local Administration (KILA), Thrissur

Preparation, screening and reporting of projects related to climate change and disaster risk reduction at LSG levels.

Training related to Disaster Risk Management and Climate Action Tool.

EDUCATION

2020-2022

- **Kerala University of Fisheries and Ocean Studies, Ernakulam**

M. Sc. Climate Science

8.4 OGPA

2014-2017

- **Fatima Mata National College, Kollam**

B.Sc. Physics

62.8 CGPA

2012-2014

- **GHSS Anchalumoodu, Kollam**

Intermediate

82.75%

2012

- **GHS Panayil, Kollam**

Matriculation

97%

PROJECTS

- **PG Dissertation @ CWRDM, Kottayam**
Analysis of Upper Troposphere Lower Stratosphere Water Vapour Over Indian Monsoon Region using Aura Microwave Limb sounder Data.

SOFTWARE EXPOSURE

- - MATLAB
 - GrADS
 - LINUX
 - PYTHON
 - CDO
 - WRF

WORKSHOPS AND CONFERENCES

- Organizing Committee Member
Institute for Climate Change Studies (ICCS)
Three days National Workshop on **Decoding Climate Change: From Modelling to Machine Learning** - September 2024
- Organizing Committee Member
Institute for Climate Change Studies (ICCS) and Srinivasa Ramanujan Institute for Basic Sciences (SRIBS)
Three days National Workshop on **Bridging the Knowledge Gap : Workshop on the Theory of Climate Change** - November 2023
- Certificate of Participation
Oral presentation @ 36th Kerala Science Congress
Topic - '**Exploring the Drivers of the Record Anomalous Ocean Surface Warming in the Arabian Sea, Autumn 2023**' - February 2024
- National Symposium
NCESS, Trivandrum
National Symposium on Convective Storms : Thunderstorms and Lightning Physics - March 2023

TRAININGS ATTENDED

- Certificate of Completion
UNEP and PEDRR
Nature-based Solutions for Disaster and Climate Resilience - August 2023
- Certificate of Completion
UNEP, UN WOMEN, UNDP
E-learning course on Climate Change, Peace and Security: Understanding Climate-Related Security Risks Through an Integrated Lens - April 2023
- Training course
ISRO (SMART)
Basics of Satellite Meteorology - February 2022.

WEBINARS

- Webinar Participation
NCESS, Trivandrum
Recent advances in Atmospheric Sciences - April 2022.

TECHNICAL COURSES

- Certificate of Participation
ISRO & IIRS
Advanced Geospatial Technologies for Disaster Risk Reduction (DRR) - April 2022
- Certificate of Participation
KUFOS, Kochi
Remote Sensing and GIS for Land and Ocean Observations and Climate Modelling -
March 2022

PERSONAL DETAILS

- Date of Birth : 19/09/1996
- Marital Status : Single
- Nationality : Indian
- Gender : Male
- Guardian : Omana Joy

LANGUAGES

- English, Malayalam, Tamil

REFERENCE

- **Dr. C. C. Bajish - KSCSTE - Institute for Climate Change Studies**
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- **Dr. Anila Alex - KSCSTE - Centre for Water Resources Development and Management**
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- **Dr. Abish B - Kerala University of Fisheries and Ocean Studies (KUFOS) , Kochi-682508, Kerala, India**
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