

Srinivasarao V T

☒ Centre de Sciences Humaines (CSH)
2 A.P.J. Abdul Kalam road,
New Delhi 110011, India
☎ +91 9966621461
✉ sraovec@gmail.com
srinivas.vt@csh-delhi.com
[linkedin.com/in/vtsrinivas](https://www.linkedin.com/in/vtsrinivas)

RESEARCHER

2 years of professional experience in research, monitoring and evaluation, data collection, data management, data analysis and presentation



Summary

Socio economic research professional with strong interest in research leading to advocate policy outcomes. Working on data intensive foresight study on shift in conventional agriculture by building bio economic model to foresee socio economic changes in the country.

Extensive experience in programming and statistical data analysis using R, SPSS and working proficiency in SAS, STATA. Handled complex data sets like NSSO micro data. Experience in data mining and organising data from various sources like CMIE, EPWRF, IndiaStat. Proven experience in building statistical models using machine learning techniques (Neural Network, Random Forest). Experience in programming for CAPI based surveys using Open Data Kit for the projects funded by BMGF, USAID. Passionate about visual demonstrations of data driven research. Rich experience in monitoring and evaluation of projects funded by giz, BftW. Worked with Private Ltd. Companies, National and International NGOs and coordinated with Govt. Departments, National and International Donors in professional career.

Awards and Achievements:

- 👍 Gold Medal in Academics, KIIT University, Bhubaneswar.
- 👍 Best Research Paper Presentation Award – International Conference on Rural Management, Xavier University, Bhubaneswar.
- 👍 Winner of Battle Field 2018 – Data Analysis Competition, IIT Kanpur.
- 👍 First Runner up in Data Analytica 2017, National level competition, NAARM, Hyderabad.

Tools and Technologies:

- ✓ R
- ✓ SPSS
- ✓ SAS
- ✓ STATA
- ✓ CAPI Programming
- ✓ Google Data Studio
- ✓ Microsoft: Projects, Access, Excel
- ✓ ODK, Survey CTO

Skills:

- ▶▶ Data Management
Data mining, Organising, Engineering, Structuring
- ▶▶ Programming
R, SPSS, SAS, STATA, CAPI (*digital questionnaire*), google data studio
- ▶▶ Machine learning
Artificial neural network, random forest, principal component, regression, model selection, cross validation, simulation
- ▶▶ Monitoring Evaluation and Learning
M&E framework designing, survey tools designing, documenting, donor reporting,
- ▶▶ Data Analysis
Exploratory data analysis, Hypothesis formulation, Parametric and non parametric tests
- ▶▶ Communication
Demonstration with powerpoint and google data studio, conference presentations

Professional Experience

Since 15/04/2019

Research Associate

Organisation: CENTRE DE SCIENCES HUMAINES,
New Delhi, India : www.csh-delhi.com

Collaborators: RYSS, Government of Andhra Pradesh, Guntur
FAO : www.fao.org and CIRAD : www.cirad.fr

Project: RvSS-CIRAD-FAO Foresight study

Engagement:

- Data mining, organising, structuring
- Data analysis, documenting
- Bio-economic modelling

April 2019



April 2018

Monitoring Evaluation and Learning Manager

Organisation: APMAS, Hyderabad
www.apmas.org

Engagement:

- Designing Monitoring Evaluation Framework
- Designing survey tools for CAPI on open data kit platform(ODK)
- Conducting research, training project team for data collection.
- Data management, Analysing, and reporting in results based monitoring framework to the donor bi-annually.
- Coordinating with donors and govt. departments.

January 2018



November 2017

April 2018



February 2017

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Research Trainee

Organisation: CIMMYT, Bhubaneswar
www.cimmyt.org

Research Title I : “*Maize Marketing Scenarios In Western and North central plateau of Odisha - Diagnostics of challenges & opportunities in Nuapada, Bolangir & Mayurbhanj districts*”.

Research Title II : “*Augmenting Model for Service Provision Business and Area of DSR Cultivation in Odisha*”.

Special Mention:

- CAPI for data collection using open data kit(ODK).
- Application of machine learning for developing predictive models (ANN and RF).
- Report from the study is in preparation for publication in peer reviewed journal.
- Best research paper presentation award for Research on DSR (*International Conference on Rural Management, Xavier University, Bhubaneswar*)

November 2016



September 2016

Research Trainee

Organisation: NTR Trust, Hyderabad
www.ntrtrust.org

Research Title I : “*Survey and awareness creation on importance of sanitation & safe drinking water in Chittoor District, Andhra Pradesh*”

Research Title II : “*Socio economic study and analysis of Peddannakotalu village, Chittoor District, Andhra Pradesh*”

July 2015



September 2012

Design Engineer

Organisation: MTAR Technologies Pvt Ltd, Hyderabad

Duties:

- Concept design & layout preparation of assembly & its components, feasibility study, Client communication & design release using Pro Engineer Wildfire 5.0, Auto Cad LT-2013 software.

Education

- Masters in Rural Management,(2016-2018) KIIT University, Bhubaneswar.
- B.Tech (Mechanical 2004-2008), Jawaharlal Nehru Technological Univeristy, Hyderabad.

Publications

- Research paper on ‘Augmenting Model for Service Provision Business and Area of DSR Cultivation in Odisha’ received best research paper presentation award in International Conference on Rural Management (*November 2017*) held at Xavier University, Bhubaneswar.
- Research conducted on ‘Augmenting Model for Service Provision Business and Area of DSR Cultivation in Odisha’ (*April 2017*) and ‘Maize Marketing Scenarios in Odisha’ (*Jan 2018*) are in preparation for journal publication.
- Internship studies with CIMMYT were published as salient projects in promotional brochures of KIIT School of Rural Management.

References

Mr. Anurag Ajay, M&E Specialist, CIMMYT,Bhubaneswar
Ph. No: 9199645141 Email: a.ajay@cgiar.org

Prof. H S Ganesha, KIIT University, Bhubaneswar
Ph. No: 7064266791 Email:hsganesha@ksrm.ac.in

Prof. Venkata Krishnan, KIIT University, Bhubaneswar
Ph. No: 8280716964 Email:venkat@ksrm.ac.in

V T Srinivasarao