

# Iyyanki V Muralikrishna

Dr Raja Ramanna Distinguished Fellow at DRDO, Hyderabad

iyyaniki@icorg.org

---

## Summary

Professor Research Supervisor and Consultant in Geographical Information Systems, Remote sensing, Digital image processing, Content based image retrieval, information security, Disaster management, Terrain evaluation and mapping, web Mapping, GPS- Geodesy, Numerical Modeling. Environmental Management, Adjunct Professor at Asian Institute of Technology since June 2009, Visiting Professor at Jackson State University, Mississippi-USA July 2004 and Chiba University, Chiba, JAPAN-1999-2000 and Summer School Faculty at Univ. of Dundee, Scotland, UK. Member of IEEE USA since 1992, FIE since 1985 and FIS since 1999 -Lead Auditor Course– Quality Management Systems-IRCA Auditor Certification Scheme - Nigel Bauer,UK QMS Certification Based on ISO 9001:2000, January 2007 and Lead Auditor Course EMS Advanced Environmental Management Systems (Quality Council of India ) - EMS Certification Based on ISO 14001:2004, April 2008. Certificate Courses on Administrative law for senior level educational managers at ASCI –Hyderabad, May 2008 and NALSAR University course on Cyber Laws Hyper-spectral Remote sensing, Research methodology, Open data, Geospatial Governance are the favourite topics of current research. "Developing Researcher" is one of the most recent topics Dr Iyyanki Muralikrishna initiated so as to encourage the scholars for research and publications.

---

## Experience

### **Dr Raja Ramanna Distinguished Fellow at DRDO, Hyderabad**

March 2014 - Present (11 months)

### **Researcher and Consultant in Geospatial technology, Information technology and Climate modeling at ASCI-Hyderabad**

January 2011 - December 2013 (3 years)

During the period lectured on Research Methodology at various national and international platforms..

Motivated Faculty and scholars and provided guidance for PhD and sponsored Research Projects in the areas of Geospatial Technology, GPS, Open data, Weather modification, Climate modeling, Public Health and disease mapping, Image understanding, Machine learning, Data mining, Information security, Disaster and risk assessment, Infrastructure mapping,,

### **Senior Consultant at Administrative Staff College of India**

January 2009 - December 2013 (5 years)

RS for Climate change impact on agriculture, Open data, Free and open source software in Geoinformatics...

### **Adjunct Professor Asian Institute of Technology at Bangkok Thailand**

July 2009 - June 2011 (2 years)

Research and development -Courses on Climate change, Climate change adaptation, EIA, Geo Informatics

**Professor and Director at JNT UNIVERSITY HYDERABAD**

March 1990 - October 2008 (18 years 8 months)

I worked as Professor in Spatial Information Technology and Director of R and D and IST and Centre for Atmospheric Sciences and Weather Modification technologies and Project Director of Cloud Seeding 2006 to 2008 at JNTU

**Professor and Director R and D [Retired] at Jawaharlal Nehru Technological University**

March 1990 - October 2008 (18 years 8 months)

---

**Skills & Expertise**

**GIS**

**Remote Sensing**

**Climate Change**

**Environmental Impact Assessment**

**Spatial Databases**

**GPS**

**Geomatics**

**Environmental Engineering**

**Geography**

**Environmental Management Systems**

**Hydrogeology**

**Satellite Imagery**

**Environmental Policy**

**Water**

**MapInfo**

**ArcGIS**

**Environmental Studies**

**Spatial Analysis**

**Science**

**Natural Resource Management**

**Sustainability**

**Environmental Science**

**Public Speaking**

**Biodiversity**

**Climate Change Adaptation**

**Ecology**

**ESRI**

**ENVI**

**Environmental Awareness**

**ArcMap**

## **Social Sciences**

**Public Health Informatics**

**Public health GIS**

**Research**

**Modeling**

**Data Analysis**

**Sustainable Development**

**Project Management**

**Statistics**

---

## **Education**

### **Indian Institute of Technology, Madras**

Research Associate, Ocean Engineering, 1976 - 1978

[http://www.linkedin.com/profile/non-save-submit?goback=%2Enpe\\_\\*1\\_\\*1\\_\\*1\\_\\*1\\_\\*1\\_\\*1\\_\\*1\\_\\*1\\_\\*1%2Enge\\_\\*1\\_\\*1](http://www.linkedin.com/profile/non-save-submit?goback=%2Enpe_*1_*1_*1_*1_*1_*1_*1_*1_*1%2Enge_*1_*1)

Doctor of Philosophy (PhD), Indian Institute of Science, 1973 - 1977

### **Indian Institute of Technology, Madras**

Master of Technology (M.Tech.), Hydrology and Water Resources, 1970 - 1972

Grade: A

Activities and Societies: Institution of Engineers

---

## **Interests**

Research and Guidance ,Project formulation and implementation in the areas of Information Technology, Disaster management, Navigation , Geospatial Technology and Modeling of Land , water and climate processes

---

# Iyyanki V Muralikrishna

Dr Raja Ramanna Distinguished Fellow at DRDO, Hyderabad

iyyaniki@icorg.org

---



[Contact Iyyanki V on LinkedIn](#)