

### **Brief Bio data of Dr.A.T.Jeyaseelan for APHRDI**

Dr. Ayyemperumal Thillai Jeyaseelan Graduated in Agricultural Engineering from TNAU in 1979. Obtained International P.G.Diploma and Master of Engineering in Hydrology from IIT-Roorkee in 1984 and PhD in Water Resources Engg from JNTUH in the year 2005.

He started his Research Career at National Institute of Hydrology and associated in the World Bank project on model studies of Irrigation project for the period from 1980-1985. Since 1985 as scientist SC to till his superannuation as Scientist SG in 2017, he was with NRSC,ISRO and contributed in Remote sensing application projects such as IRS Utilisation Programme (IRS-UP) and National level projects such as Remote Sensing Application Mission (RSAM) Project on Drought, Irrigation and Reservoir sedimentation, Climate change studies projects, India-WRIS, SIS-DP, NR Census and Regional Projects such as Watershed monitoring, Site suitability of Hydroelectric projects, Environment impact evaluation, Desertification and disaster management projects, etc in various capacities of Principal Investigator, Project Manager, Head Water Conservation section, Head Agriculture and climate change studies section, General Manager of Regional centre. During this period he also took an assignment as Director of Jharkhand Space Applications Centre between 1997-2012. After his super annuation, he was consultant at NRSC for one year and now he is the Board Member-WRD/JNTU, President-ISTAA, Vice President-CCCGPA and General Secretary-IREF.

As the Director, Jharkhand Space Applications Center, he established state of art infrastructure on Satellite data processing and analysis, networking and communication facilities. Completed more than 50 projects. Prepared 76 technical reports, 26 technical papers and guided 24 student projects, 3 PhD's. and received 4 National/International awards for eGovernance projects.

In the field of land survey, Under National Land Records Management Programme, piloted web portal for lohardaga district of Jharkhand state "Vasuda" at JSAC and as Vice Chairman initiated implementing NLRMP (Now DILRMP) programme in Jharkhand state during 2007-12. Since 2012 - 2017 Coordinated with all state remotesensing Centers in the country for cadastral map integration with other Thematic layers generated from High resolution satellite data in SISDP & NUIS Projects in NRSC

As General Manager of Regional Remote Sensing Centre-West and Scientist SG at National Remote Sensing Centre contributed in National level projects such as India-WRIS, SIS-DP, NR Census and Regional Projects such as Watershed monitoring, Site suitability of Hydroelectric projects, Environment impact evaluation, Desertification and disaster management projects, etc. NRDB, Bhuvan services and coordinated SIS-DP Project Management and received ISRO's Team Excellence award on India WRIS & SISDP Projects.

On his credit, he completed more than 50 projects, prepared 76 technical reports, published 160 technical papers, guided 24 MTech and 3 PhD thesis. Received 4 National/International awards for eGovernance projects and 3 ISRO's Team Excellence award.