

Regional Remote Sensing Centre National Remote Sensing Centre, Bengaluru

Date: January 5–6, 2026

Two-days YES-Tech Stakeholders Training Programme on Crop Yield Estimation using Crop Simulation Models

Sponsored by: PMFBY, Dept. of Agriculture, Cooperation & Farmers' Welfare

Collaboration: MNCFC, RRSC-South and AICL

Venue: ISITE Campus, URSC, Marathahalli, Bengaluru

Schedule: January 5-6, 2026

Two-days YES-Tech Stakeholders Training Programme on “Crop Yield Estimation using Crop Simulation Models” was organised by Regional Remote Sensing Centre-South, NRSC/ISRO, in collaboration with the Mahalanobis National Crop Forecast Centre (MNCFC), Pradhan Matri Fasal Bhima Yojana (PMFBY), Agriculture Insurance Company of India Limited (AICL) and United Nations Development Program (UNDP). The program brought together domain experts and stakeholders to enhance capabilities of yield estimation by crop simulation models for crop insurance purpose under YESTECH.

The event began with a formal inaugural session attended by Distinguished Guests, Scientists, resource persons and officials from state agriculture departments, technology implementation partners and insurance companies and re-insurers. Key dignitaries graced the occasion are - Chief Guest, Dr. M. Sankaran (Director, URSC), Guest of Honor, Sri. Y.S. Patil, IAS (Commissioner of Agriculture, GoK), Shri. Sanjay Lalla (Executive Director, AICL), Dr. S. Bandyopadhyay (Director, MNCFC) and Dr. S.K. Srivastav (CGM, RCs, NRSC). About 56 officials of different organizations from across the country participated in the technical sessions and hands-on training.

In the technical session, domain experts delivered lectures covering geospatial applications in digital agriculture, the theoretical aspects of crop simulation models, inputs requirements of model and yield estimation using DSSAT model. The training session also included elaborate hands-on sessions on yield estimation using the DSSAT model, demonstration of spatial DSSAT model interfacing with QGIS.

The two-day training concluded with a Valedictory Function on 06-01-2025 chaired by Dr. J.V. Thomas, Director, EDPO, ISRO Hq., Dr. S. Bandyopadhyay, Director, MNCFC, Shri. R. Hebbar, General Manager, RRSC-South, Dr. K. Nagarajan, DGM, AICL and Mrs. Pallavi (CPMU-PMFBY), who participated online.

The valedictory session included a feedback session, distribution of participation certificates and address by Director, MNCFC and Director, EDPO. All participants appreciated the training program and requested to organise regular capacity building program to update the technical skills.

The event concluded with a Vote of Thanks by the General Manager, RRSC-South/NRSC.



Dignitaries on the Dias during 2-days YES-Tech Stakeholders Training Programme (Seminar Hall, MSA Building, ISITE)



Participants of YES-Tech Stakeholders Training Programme



Inauguration of the program by Sri. M. Sankaran, Director, URSC



**Opening Address by Dignitaries
(Dr. S. Bandyopadhyay, Sri. Sanjay Lalla and Dr. S.K. Srivastav)**



Adress by Guest of Honor – Sri. Y.S. Pail, Commissioner, Agriculture, GoK



Inaugural Address by Chief Guest, Sri. M. Sankaran, Director, USRO, ISRO



Group Photo of Inaugural Session



Lecture by Domain experts at RC-South Conference Hall



Hands on training at Training Hall of RC-South



Hands on training at Training Hall of RC-South



Feedback by participants



Remarks by Smt. Pallavi, PMFBY



Handing over of Certificates to Participants



Group Photo: Resource Persons and Participants at RRSC-South



Group Photo of Valedictory Session



Organizing Committee (teams from MNCFC, RRSC-South and AIC)