

Automated Weather Station

Automated Weather Station (AWS), the latest of its kind in the State, established in Tumkur University, is a proud initiative of Indian Space Research Organization (ISRO). Established in the campus of the University in May 2010, this AWS is an agriculture-friendly venture in addition to addressing the research and education needs.



The AWS with its capacity of providing weather updates in a range of 80 km is successfully being monitored by a team from Tumkur University. Dr B Manickiam, the Honorary Professor, Dr H Nagabhushana, Assistant Professor and Head, Department of PG Studies and Research in Physics are the part of the team.

The daily, weekly and monthly updates are being meticulously collected by the students of the monitoring team as part of the documentation. The Centre is engaged in the study of the impact of humidity on the rainfall. This gains significance, given the fact that the average rainfall received in Tumkur district is far less than the State average.

The Centre also facilitates a comparative analysis of the similar information available in the 111 AWSs already functioning across the State. Apart from directly benefitting the rain dependent agriculture, the Centre provides information on weather which would be useful or organizations like ISRO, DRDO, Airport Authority, Army, Navy, Air Force, Coast Guard, Media and Agriculture Universities and so on.