

Remote Sensing Centre

Tumkur University in collaboration with the Indian Space Research Organization (ISRO) have set up a Remote Sensing Centre in its campus. Advanced softwares are being set up, while the University provided the infrastructure for the Centre. The softwares which the Centre has got are the most advanced ones, said to be more advanced than those functioning at ISRO.



The Centre will be collecting data on the availability of ground water, bio-diversity, green cover, fisheries and mineral availability in Tumkur district. The data will not only contribute much for further studies and research but also for the economic development of the region. Different sections of the society, including farmers will be benefitted by the project.

Dr B Manickiam, the Honorary Professor, Dr H Nagabhushana, Assistant Professor and Head, Department of PG Studies and Research in Physics are leading the Centre's activities.



With the launch of Centre for Remote Sensing and Geographic Information System as a joint initiative of Indian Space Research Organisation (ISRO) and Tumkur University on the latter's campus, Tumkur city has joined an elite league of places which boast of the facility. The difference it makes is the use of the latest image-processing software 'arch-view' unlike other centres across the state. A state-of-the-art laboratory is being established at University Science College at a cost of `70 lakh where the varsity has provided the infrastructure at a cost of `15 lakh. Data collected regionally can be compared with those of ISRO, which are collected through satellites and later can be cross-checked, which helps research studies. Since Tumkur is one of the regions which are rich in minerals and have stone quarries and mining areas, the Baba Atomic Research Centre will monitor the radiation through GIS and Remote Sensing Centre's data. The Centre will also help research in geology, history and archeology studies.