

**INDIAN SOCIETY OF GEOMATICS  
NATIONAL GEOMATICS AWARD – APPLICATIONS FOR THE YEAR 2007**

**CITATION**



Shri K. Kalyanraman, born on April 22, 1945, received his B.E. degree in Electrical Engineering in 1962 and M.Tech degree in Aeronautics in 1969 from Indian Institute of Science, Bangalore with distinction.

As General Manager, Aerial Services & Digital Mapping (NRSC), he developed NRSC as one of the centers of excellence meeting International standards in aerial photography and digital mapping with state of art technology. He built up expertise in aerial photography, digital mapping, aeromagnetic survey, GPS surveys , special surveys with user installed equipment in aircraft. He carried out Aerial Photography & Digital Mapping projects in Sultanate of Oman (Muscat) , Bhutan , United Arab Emirates (Dubai) , Srilanka and entire country of Maldives meeting International standards.. and taking NRSA aircraft to these countries and carrying out aerial tasks.

As Project Director, Ground Control Points Library (GCPL) Project for Cartosat satellites, he created WGS-84 datum for the first time in the country for Cartosat project with Zero order points established with 2 to 3 cms. accuracy at various locations in the country ,400 first order points collected with an accuracy of 5 cms and 8000 image points collected spanning entire country with an accuracy of 25 cms.He created Multimedia Oracle data base for the GCPs for the first time.

As Project Director, Large Scale Mapping (LSM) Project, he created Mapping standards, symbols and legends for large scale maps using high resolution satellite imagery, for Digital Mapping. He has generated maps for several towns in the country for the first time using High Resolution Satellite Imagery for different types of terrains, hilly areas, rural and urban areas. As Project Director, Airborne Laser Terrain Mapping (ALTM) Surveys, he established facilities for Airborne Laser Terrain Mapping – Digital Camera (ALTM-DC) system in the country. He carried out several operational projects by using the ALTM like Godavari – Krishna Link canal, Netravathi river project etc.

He is presently associated with Navayuga Spatial Technologies Ltd as its President.

In recognizing his outstanding contributions in promoting Aerial surveys and Digital Mapping, Indian Society of Geomatics confers the '**National Geomatics Award – Applications**' for the year **2007** on '**Shri K. Kalyanraman**'.

(S.K. Pathan)  
Secretary

February 04, 2009  
Dehradun

(R.R. Navalgund)  
President