

INDIAN SOCIETY OF GEOMATICS



National Geomatics Award : TECHNOLOGY

CITATION

Shri. B Gopala Krishna, born on 1st August 1958 received his M. Tech. degree in electronics in 1984 from Indian Institute of Technology, Kharagpur and M.Sc. (Tech.) degree in 1981 from Andhra University, Visakhapatnam. He joined Space Applications Centre, Ahmedabad in September 1984 and currently he is Group Director, Satellite Photogrammetry and Digital Cartography Group.



Shri. B Gopala Krishna significantly contributed in the development of satellite data processing software, image geometry modeling, implementation of precision processing concepts, development of algorithms for image registration, mosaicing and restoration, in-flight calibration, algorithms & related software development for stereo data processing, realization of mapping systems and data evaluation & analysis for IRS and Cartosat series of satellites. He has contributed in realizing SAPHIRE-C software, which is currently being used for Cartosat-1 scene based DEM generation.

As Dy. Project Director, he has been responsible for Chandrayaan-1 data processing for lunar DEM and science data archival. He has conceptualized and was involved in development of a planetary data processing system, which is operational at Indian Space Science Data Centre (ISSDC). He is a key person in defining the Lunar Atlas from Chandrayaan-1 data and a lunar mapping system is built indigenously under his leadership. The first indigenous DEM and orthoimages generation software for Chandrayaan-1 is conceptualized by him and is realized, and operationalised under his guidance. He has many research papers, published in various National & International journals and conference proceedings.

In recognition of his outstanding contributions in the field of satellite and digital photogrammetry and specific contributions made in the field of Chandrayaan-1 data processing, Indian Society of Geomatics confers the National Geomatics Award for Technology for the year 2011 on Shri B Gopala Krishna.

(N.S. Mehta)
Secretary, ISG

(Shailesh Nayak)
President, ISG

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Bhagalpur