

3. Spatial data models and Geostatistical approaches for uncertain objects and their relationships
4. Visualizing uncertainties in remote sensing and spatial data and analysis
5. High Resolution Hyperspectral Sensors: Applications and Processing
6. Application of HSRS in agricultural, marine, mineral, pollution, carbon mapping, greenhouse gases, other emissions and water resources/quality, monitoring of ecological land surface changes
7. The spectra library development for natural features

D. Geo-spatial technology based tools development for NSDI

1. Development of Spatial Information Processing (SIP) Models
2. Retrieve and analytics of spatial and corresponding attribute data from disparate geo-spatial and non-spatial databases from different Geo-spatial Data Generators. Interoperability issues for both spatial and non-spatial data from Govt, industry, academics and researchers
3. GeoVisualization and spatio-temporal analysis
4. OGC compliant web services based applications and integration of GSM/CDMA/GPRS, W3C and Web 2.0, etc.
5. Configurable multi-lingual support tools (Indian official languages)

Who can apply: Scientists, technologists and interdisciplinary researchers from academics, universities, research institutions, registered scientific societies may submit their proposals any time in a prescribed format.

Approval Mechanism: Periodically, the received proposals first scrutinized and screened by NRDMS and NSDI Divisions. Screened in proposals shall be peer reviewed and then referred to the respective Programme Advisory and Monitoring Committees (PAMC's) for technical evaluation before final approval. For further details about programmes, research areas, thrust areas, prescribed formats, guidelines for formulating/submission of projects and for other details visit www.nrdms.gov.in, www.dst.gov.in, www.nsd.gov.in. The complete proposals may be addressed to: **Head**, NRDMS, Department of Science and Technology, Technology Bhawan, S J Marg, New Mehrauli Road, New Delhi 110 016.

For any other clarification, please contact **Dr K. R. Murali Mohan**, Member-Secretary, Programme Advisory and Monitoring Committee (PAMC); Tel.: 011-2656 7373, Ext: 319; e-mail: krmm@nic.in

**Vaidyaratnam P.S. Varier's
Kottakkal Arya Vaidya Sala
Kottakkal Post, Malappuram 676 503, Kerala**

Requires

1. Senior Research Fellow

Qualification: B.A.M.S. or M.D. (Ayurveda)

2. Junior Research Fellow

Qualification: B.Pharm.

Please apply with detailed resume to the General Manager **within 7 days** from the date of advertisement.