

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
(NRDMS DIVISION)

Call for proposal for conducting Summer / Winter Schools in Geospatial Technologies

Advertisement to be uploaded in DST website for seeking proposals for conducting Summer / Winter Schools in Geospatial Technologies are as under:

Introduction:

The Department of Science & Technology under its Natural Resource Data Management System (NRDMS) programme has been promoting and supporting R & D projects related to development of natural resources databases, spatial data infrastructure (SDI) and associated applications. The programme aims at strengthening R&D in specifically identified areas to demonstrate the application of geospatial techniques for efficient planning. With these objectives in mind and to provide initial thrust to create awareness among different stake holders about potential of this technology as a rewarding and satisfying career option, this department proposes to shortlist few geographically well distributed institutions capable of conducting short term winter/summer schools in the field of Geospatial Technology mainly for faculty of colleges/universities. Secondary school/college teachers and state/central government officials etc.

Financial support is proposed to be provided for conducting one basic course of 2-3 days duration and another specialized course in the area of specialized domain of the institute for a period of three week's (21 days) duration every year. Some institutes may specifically opt for conducting 2-3 days course for the benefit of working professionals who can not be spared for 21 days by their organisations for up gradation of their skills and creation of awareness on geo-spatial technologies and its uses. Various components for which financial support is proposed to be provided include boarding and lodging & travel expenses for participants and external resource persons besides attractive kit of study material which may include standard text book(s) and basic software/ hardware etc. P.G. Colleges/UGC recognized Universities/Institutions etc. having specialization in providing training in this field having experts at least (2-3) with their detailed bio-data and infrastructure facilities can submit applications for consideration by DST for support.

The DST-NRDMS and the Institute of Environment Education and Research, Bharati Vidyapeeth University (BVIEER) have set up a unique portal for geospatial education and training in India. This portal which can be accessed from www.dst-iget.in is a single window for online clearinghouse for geospatial education and training tutorial material lectures and aims to strengthen capacity of teachers as well as bring in innovation in the teaching-learning of geospatial technologies.

The portal has detailed exercises with data sets for teaching GIS, digital image processing, spatial analysis, customization and new trends such as web GIS and mobile GIS using solely open source software. Apart from this it has database of Indian experts who can be called upon by various institutes as a resource person. The portal also has the framework for conduction of three week training program as

expected by the DST-NRDMS. The use of open source software will ensure implementation of these training modules in the trainees home environment.

Information to be provided in the proposal:

Proposals are expected to contain following details:

- Status of present infrastructure viz. names of the faculty with relevant qualification., number of terminals with names as well as number of licenses of software packages related to geospatial technologies and types and number of GPS receivers etc. available with the institution for imparting 'hands on' training to the participants .
- Particulars of courses being offered/training programmes conducted by the institution.
- Particulars of facilities available with the institute for boarding and lodging of participants and external resource persons.
- Training material such as handouts / books/ data/hardware /software etc.
- Name of the Coordinator with their detailed address including Account Details for fund transfer viz. Account holder Name, Savings Bank Account Number, Name of the Branch and Branch, IFSC Code etc.
- Proposal should be duly forwarded by the Head of the Institute as well as endorsement from the PI.
- Objectives, Syllabus, duration with their Budget details and tentative schedules, topics to be covered, targeted audience (only for the teachers from the Colleges/Engineering Colleges, having relevant experience in the geo-spatial technology) name of the resource persons
- Any other information that may be deemed necessary by the institute.
- Every coordinator are supposed to prepare their relevant proposals based on the website developed by Bharati Vidyapith, Pune at geo-portal www.dst-iget.in.
- After approval of the training programme, a workshop will be conducted to implement the training programme and to follow the geo-portal developed by Bharati Vidyapith, Pune. It will be mandatory for all the coordinators.

Who can submit the proposal ?

The proposals can be submitted by Faculty Members, Scientists/Engineers /Technologists working in P.G. College/UGC recognized Universities/National institutions etc. The institution shall have a well developed set of projects based in this field to ensure that participants are able to complete a short project at their own on the completion of the course. This advertisement is for the year 2014-15 and shall be valid up to 31st October, 2014.

Last date for receipt of proposals for current year is 31st October, 2014 Screened in proposals will be considered by DST for support.

The proposals may be forwarded with following guidelines and duly forwarded by Head of the Institute/University:

1. Title of the Proposal
2. Name of the PI (Coordinator)/Institute
3. Objectives of the Proposal
4. Plan of activities with programme schedule
5. Targeted audience

6. List of resource person with detailed bio-data along with their consent
7. Impact likely to be made in the area
8. Feed back of earlier events conducted in the area
9. Endorsement of the Head of Department and Coordinators
10. Details of the bank Account and other required details for the transfer of funds in case, your project is approved by the Committee as follows:
 - a. ***Name of the account holder***
 - b. ***Name of the Bank and Branch***
 - c. ***Account Number***
 - d. ***IFSC Code and MICR No.*****(funds will be transferred only in the college/university/institute accounts and not in individual account)**

Proforma of application for R&D projects can be downloaded from the website of NRDMS Division of DST: (www.nrdms.gov.in/downloadable_form.asp). For any other query and submission of Proposal be made to:

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