

Registration Form

Name: _____

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Title of the Paper: _____

Accommodation Required : Yes / No

Any other information:

Date:

Signature

Book-Post

National Seminar on
Geoinformatics in Natural
Resources Evaluation for
Sustainable Development

26 - 27 March, 2018

To

Seminar Coordinator
Dr. R. Jegankumar

Department of Geography
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UGC-SAP-DRS-II Sponsored



**National Seminar on
Geoinformatics in Natural
Resources Evaluation for
Sustainable Development**

26 - 27 March, 2018



Organized by

**Department of Geography
(UGC-SAP-DRS-II)
Bharathidasan University
Tiruchirappalli - 620 024
Tamil Nadu**

Chief Patron
Prof. P. Manisankar
Vice-Chancellor,
Bharathidasan University

Patron
Prof. G. Gopinath Registrar,
Bharathidasan University

Organizers

Dr. R. Jegankumar
Assistant Professor and Head

Dr. P. Masilamani
Assistant Professor

Dr. K. Kumaraswamy
Professor & UGC - BSR Faculty Fellow

About the Department

The Department of Geography was established in Bharathidasan University in July, 2001 with the vision to conduct research in frontier and emerging areas of geography and to disseminate new skills of geography to the community. Before 2001, the faculty members of the Department of Geography were attached with the erstwhile School of Earth Sciences which was established in 1987. As the School was composed of geography and geology faculty members, it started a P.G Diploma in Remote Sensing programme in 1990 and later it was upgraded to M.Tech Remote Sensing in 1994 to impart remote sensing knowledge to both the disciplines. M.Sc. Applied Geography and M.Phil Geography programmes were started in the year 1996 and 1999 respectively to promote geography in central Tamil Nadu. The University Grants Commission (UGC) has awarded an Innovative Programme on Post Graduate Diploma in Geomatics to the Department in 2005. In 2006, the Department has introduced a five-year integrated M.Sc. Programme in Geosciences.

M.Tech. Geoinformatics and Five-year Integrated M.Sc. Geography programmes from 2003 and 2014 onwards. By considering the merits and research outcomes of the Department, the UGC has awarded SAP (Special Assistance Programme) DRS Phase-I in 2009 and DRS Phase-II in 2015 with an outlay of Rs. 50.50 lakhs and Rs. 128 lakhs respectively. Additionally, the UGC has also granted Rs. 40 lakhs in the form of BSR (Basic Scientific Research) to the Department to strengthen its infrastructure. Besides this, the Department has been awarded five UGC-BSR research fellowships to the students every year since 2013.

Background of the Seminar

Geoinformatics is the technological synthesis of Remote Sensing Data Acquisition, Image Processing, Surveying, Geospatial Data Analysis and Modelling. Modern IT infrastructure facilitates geo-computation and geovisualization through handling large set of geospatial database which boosts the Geoinformatics sector. In last two decades the resource mapping and management experts has shown high priority for using Geoinformatics for their various applications by understanding its effectiveness. The mapping and management is well supported by the availability of a wide variety of remote sensing data, processing software and positioning equipment's. Geoinformatics has proven its strength in Govt. policy decisions, academic and research and employability. India is the second largest populated country in the world. It is necessary to map and evaluate the available land and water resources with effective use of Geoinformatics Technologies to reach and uphold sustainable development. With this background, a two day **National Seminar on Geoinformatics in Natural resources Evaluation for Sustainable Development** is being organised by Department of Geography, Bharathidasan University, Tiruchirappalli during March 26 & 27, 2018 under the aegis of UGC New Delhi

Themes of the Seminar

The two-day seminar intends to discuss the effective methodologies of Geoinformatics in Natural Resources Evaluation for Sustainable Development. The following subthemes have been identified for the purpose of paper presentation and deliberations during the seminar.

- ◆ **Land Evaluation:** Land capability, land performance, land suitability for agriculture, agro ecological mapping, crop suitability and crop planning, Forestry and resource mapping
- ◆ **Landuse/ Land Cover Mapping:** land use / land cover change studies, land degradation, waste land mapping, sustainable landuse practice, population and landuse
- ◆ **Watershed Studies:** Drainage Morphometry, watershed prioritization, soil erosion, watershed management.
- ◆ **Climate Studies:** Weather data analysis, drought and desertification, climatic classification and climate change
- ◆ **Sustainable Development:** Integrated land and water resources management, hill area development, people participatory approach.

Abstract Submission

Original research papers are invited for oral presentation. The participants are requested to submit their abstract(s) not exceeding 250 words typed in MS-Word font size 12 in Times New Roman in single line space. The title should be bold followed by authors name and address. The name of the presentation author should be underlined or indicated by an asterik. The abstract should be mailed on or before 18th March 2018

Registration

To participate in the seminar there is **No registration fee** and interested participants can send their registration for with an abstract to the organizer on or before 18.03.2018.

Accommodation

Accommodation will be provided at University Guest House at the rate of Rs. 500 per day on first-come first served basis for paper presenters. For other participants accommodation will be arranged at nominal cost.